

# Introduction to Philosophy



# Introduction to Philosophy

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PART I  
FACULTY RESOURCES



# I. I Need Help



Need more information about this course? Have questions about faculty resources? Can't find what you're looking for? Experiencing technical difficulties?

We're here to help! Take advantage of the following Lumen customer-support resources:

- Check out one of Lumen's Faculty User Guides [here](#).
- Submit a support ticket [here](#) and tell us what you need.
- Talk and screen-share with a live human during Lumen's OER office hours. See available times [here](#).



PART II

MODULE I: NATURE OF  
PHILOSOPHY



## 2. The Origins of Western Thought

### The Origins of Western Thought

#### *Philosophical Thinking*

[Philosophy](#) as a discipline isn't easy to define precisely. Issuing from a sense of wonderment about life and the world, it often involves a keen interest in major questions about ourselves, our experience, and our place in the universe as a whole. But philosophy is also [reflectively concerned](#) with the methods its practitioners employ in the effort to resolve such questions. Emerging as a central feature of Western culture, philosophy is a tradition of thinking and writing about particular issues in special ways.

Thus, philosophy must be regarded both as content and as activity: It considers alternative views of what is real and the development of reasons for accepting them. It requires both a careful, sympathetic reading of classical texts and a critical, logical examination of the [arguments](#) they express. It offers all of us the chance to create and adopt significant beliefs about life and the world, but it also requires each of us to acquire the habits of critical thinking. Philosophy is both sublime and nitpicking.

Since our personal growth in these matters naturally retraces the process of cultural development, study of the history of philosophy in our culture provides an excellent introduction to the discipline as a whole. Here our aim is to examine the appearance of Western

philosophy as an interesting and valuable component of our cultural heritage.

## *Greek Philosophy*

Abstract thought about the ultimate nature of the world and of human life began to appear in cultures all over the world during [the sixth century B.C.E.](#), as an urge to move beyond superstition toward explanation. We focus here on its embodiment among [the ancient Greeks](#), whose active and tumultuous social life provided ample opportunities for the expression of philosophical thinking of three sorts:

- Speculative thinking expresses human curiosity about the world, striving to understand in natural (rather than supernatural) terms how things really are, what they are made of, and how they function.
- Practical thinking emphasizes the desire to guide conduct by comprehending the nature of life and the place of human beings and human behavior in the greater scheme of reality.
- Critical thinking (the hallmark of philosophy itself) involves a careful examination of the foundations upon which thinking of any sort must rely, trying to achieve an effective method for assessing the reliability of positions adopted on the significant issues.

Beginning with clear examples of thinking of the first two sorts, we will see the gradual emergence of inclinations toward the third.

## *Milesian Speculation*

During the sixth century, in the Greek colony at Miletus, a group of thinkers began to engage in an extended exploration of the

speculative issues. Although these [Milesians](#) wrote little themselves, other ancient authorities recorded some of their central tenets. Their central urge was to show that the complex world has a simple, permanent underpinning in the [reality](#) of a single kind of stuff from which all else emerges.

The philosopher [Thales](#), for example, is remembered as having asserted that all comes from water. ([Fragments](#)) Although we have no record of the reasoning that led Thales to this conclusion, it isn't hard to imagine what it might have been. If we suppose that the ultimate stuff of the world must be chosen from among things familiar to us, water isn't a bad choice: most of the earth is covered with it, it appears in solid, liquid, and gaseous forms, and it is clearly essential to the existence of life. Everything is moist.

Thales's student [Anaximander](#), however, found this answer far too simple. Proper attention to the changing face of the universe, he supposed, requires us to consider the cyclical interaction of things of at least four sorts: the hot, the cold, the dry, and the wet. ([Fragments](#)) Anaximander held that all of these elements originally arise from a primal, turbulent mass, the [the Boundless](#) or Infinite {Gk. [απειρὸν \[apeirôn\]](#)}. It is only by a gradual process of distillation that everything else emerges—earth, air, fire, water, of course—and even living things evolve.

The next Milesian, [Anaximenes](#), returned to the conviction that there must be a single kind of stuff at the heart of everything, and he proposed vapor or mist {Gk. [αἴρ \[aer\]](#)} as the most likely candidate. ([Fragments](#)) Not only does this warm, wet air combine two of the four elements together, but it also provides a familiar pair of processes for changes in its state: condensation and evaporation. Thus, in its most rarified form of breath or spirit, Anaximenes's air constitutes the highest representation of life.

As interesting as Milesian speculations are, they embody only the most primitive variety of philosophical speculation. Although they disagreed with each other on many points, each of the thinkers appears to have been satisfied with the activity of proposing his own views in relative isolation from those of his teacher or

contemporaries. Later generations initiated the move toward critical thinking by arguing with each other.

## *Pythagorean Life*

The Greek colony in Italy at the same time devoted much more concern to practical matters. Followers of the legendary [Pythagoras](#) developed a comprehensive view of a human life in harmony with all of the natural world. Since the Pythagoreans persisted for many generations as a quasi-religious sect, protecting themselves behind a veil of secrecy, it is difficult to recover a detailed account of the original doctrines of their leader, but the basic outlines are clear.

Pythagoras was interested in mathematics: he discovered a proof of the geometrical theorem that still bears his name, described the relationship between the length of strings and the musical pitches they produce when plucked, and engaged in extensive observation of the apparent motion of celestial objects. In each of these aspects of the world, Pythagoras saw order, a regularity of occurrences that could be described in terms of mathematical ratios.

The aim of human life, then, must be to live in harmony with this natural regularity. Our lives are merely small portions of a greater whole. ([Fragments](#)) Since the spirit (or breath) of human beings is divine air, Pythagoras supposed, it is naturally immortal; its existence naturally outlives the relatively temporary functions of the human body. Pythagoreans therefore believed that [the soul](#) “transmigrates” into other living bodies at death, with animals and plants participating along with human beings in a grand cycle of reincarnation.

Even those who did not fully accept the religious implications of Pythagorean thought were often influenced by its thematic structure. As we'll see later, many Western philosophers have been interested in the immortality of the human soul and in the relationship between human beings and the natural world.

During the [fifth century B.C.E.](#), Greek philosophers began to engage in extended controversies that represent a movement toward the development of genuinely critical thinking. Although they often lacked enough common ground upon which to adjudicate their disputes and rarely engaged in the self-criticism that is characteristic of genuine philosophy, these thinkers did try to defend their own positions and attack those of their rivals by providing attempts at rational argumentation.

### *Heraclitus and the Eleatics*

Dissatisfied with earlier efforts to comprehend the world, [Heraclitus of Ephesus](#) earned his reputation as “the Riddler” by delivering his pronouncements in deliberately contradictory (or at least [paradoxical](#)) form. The structure of puzzling statements, he believed, mirrors the chaotic structure of thought, which in turn is parallel to the complex, dynamic character of the world itself.

Rejecting the Pythagorean [ideal of harmony](#) as peaceful coexistence, Heraclitus saw the natural world as an environment of perpetual struggle and strife. “All is flux,” he supposed; everything is changing all the time. As Heraclitus is often reported to have said, “Upon those who step into the same river, different waters flow.” The tension and conflict which govern everything in our experience are moderated only by the operation of a universal principle of proportionality in all things.

Against this position, the [Eleatics](#) defended the unity and stability of the universe. Their leader, [Parmenides](#) supposed that language embodies a logic of perfect immutability: “What is, is.” ([Fragments](#)) Since everything is what it is and not something else, he argued in [Περὶ Φύσεως \(ON NATURE\)](#), it can never correct to say that one and the same thing both has and does not have some feature, so the supposed change from having the feature to not having it is utterly impossible. Of course, change does **seem** to occur, so we must distinguish sharply between the many mere appearances that

are part of our experience and the one true reality that is discernible only by intellect.

Other Eleatics delighted in attacking [Heraclitus](#) with [arguments designed to show the absurdity](#) of his notion that the world is perpetual changing. [Zeno of Elea](#) in particular fashioned four paradoxes about motion, covering every possible combination of continuous or discrete intervals and the direct motion of single bodies or the relative motion of several:

1. *The Dichotomy*: It is impossible to move around a racetrack since we must first go halfway, and before that go half of halfway, and before that half of half of halfway, and . . . . If space is infinitely divisible, we have infinitely many partial distances to cover, and cannot get under way in any finite time.
2. *Achilles and the Tortoise*: Similarly, given a ten meter head-start, a tortoise can never be overtaken by Achilles in a race, since Achilles must catch up to where the tortoise began. But by then the tortoise has moved ahead, and Achilles must catch up to that new point, and so on. Again, the supposition that things really move leads to an infinite regress.
3. *The Arrow*: If, on the other hand, motion occurs in discrete intervals, then at any given moment during its flight through the air, an arrow is not moving. But since its entire flight comprises only such moments, the arrow never moves.
4. *The Stadium*: Similarly, if three chariots of equal length, one stationary and the others travelling in opposite directions, were to pass by each other at the same time, then each of the supposedly moving ones would take only half as long to pass the other as to pass the third, making  $1=2!$

The [patent absurdity](#) that results in each of these cases, Zeno concluded, shows that motion (and, hence, change of any sort) is impossible. ([Fragments](#)) What all of this raises is the question of “the one and the many.” How can there be any genuine unity in a world that appears to be multiple? To the extent that a satisfactory

answer involves a distinction between [appearance and reality](#) and the use of [dialectical reasoning](#) in the effort to understand what is real, this pursuit of the Eleatics set important standards for the future development of Western thought.

### *Empedocles and Anaxagoras*

In the next generation, [Empedocles](#) introduced the plurality from the very beginning. Everything in the world, he supposed, is ultimately made up of some mixture of the four elements, considered as irreducible components. The unique character of each item depends solely upon the special balance of the four that is present only in it. Change takes place because there are two competing forces at work in the world. Love {Gk. [φιλία \[philia\]](#)} is always putting things together, while Strife {Gk. [νεῖκος \[neikos\]](#)} is always tearing them apart. The interplay of the two constitutes the activity we see in nature.

His rival, [Anaxagoras of Clazomenae](#), returned in some measure to the [Milesian](#) effort to identify [a common stuff](#) out of which everything is composed. Matter is, indeed, a chaotic primordial mass, infinitely divisible in principle, yet in which nothing is differentiated. But Anaxagoras held that order is brought to this mass by the power of Mind {Gk. [νοῦς \[nous\]](#)}, the source of all explanation by reference to cosmic intelligence. Although later philosophers praised Anaxagoras for this explicit introduction of mind into the description of the world, it is not clear whether he meant by his use of this word what they would suppose. ([Fragments](#))

### *Greek Atomism*

The inclination to regard the world as pluralistic took its most extreme form in the work of the ancient [atomists](#). Although the

basic outlines of the view were apparently developed by [Leucippus](#), the more complete exposition by [Democritus](#), including a discussion of its ethical implications, was more influential. Our best source of information about the atomists is the poem DE RERUM NATURA ([ON THE NATURE OF THINGS](#)) by the later Roman philosopher [Lucretius](#).

For the atomists, all substance is material and the true elements of the natural world are the tiny, indivisible, unobservable solid bodies called “atoms.” Since these particles exist, packed more or less densely together, in an infinite empty space, their motion is not only possible but inevitable. Everything that happens in the world, the atomists supposed, is a result of microscopic collisions among atoms. Thus, as [Epicurus](#) would later make clear, [the actions and passions of human life](#) are also inevitable consequences of material motions. Although atomism has a decidedly modern ring, notice that, since it could not be based on observation of microscopic particles in the way that modern science is, ancient atomism was merely another fashionable form of cosmological speculation.

### *The Sophists*

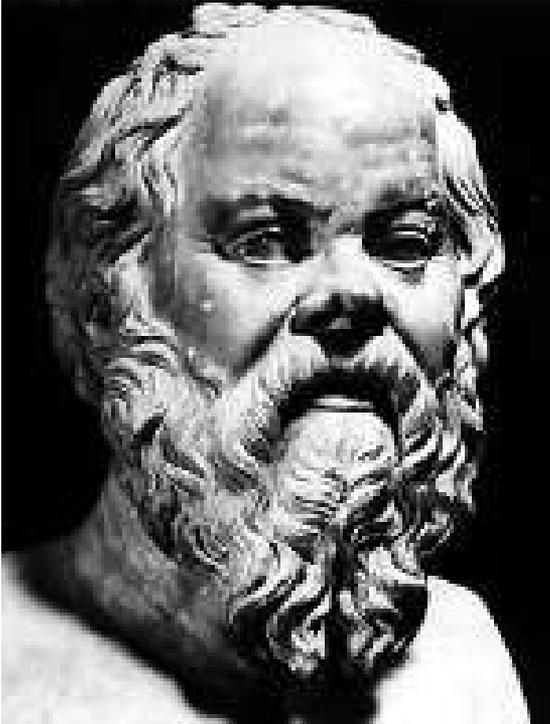
Fifth-century Athens was a politically troubled city-state: it underwent a sequence of external attacks and internal rebellions that no social entity could envy. During several decades, however, the Athenians maintained a nominally democratic government in which (at least some) citizens had the opportunity to participate directly in important social decisions. This contributed to a renewed interest in practical philosophy. Itinerate teachers known as [the sophists](#) offered to provide their students with training in the effective exercise of citizenship.

Since the central goal of political manipulation was to outwit and publicly defeat an opponent, the rhetorical techniques of persuasion naturally played an important role. But the best of the Sophists also made use of [Eleatic](#) methods of logical argumentation

in pursuit of similar aims. Driven by the urge to defend expedient solutions to particular problems, their efforts often encouraged relativism or even an extreme [skepticism](#) about the likelihood of discovering the truth.

A Sophist named Gorgias, for example, argued (perhaps ironically) that: (a) Nothing exists; (b) If it did, we could not know it; and (c) If we knew anything, we could not talk about it. [Protagoras](#), on the other hand, supposed that since human beings are “the measure of all things,” it follows that truth is subjectively unique to each individual. In a more political vein, Thrasymachus argued that it is better to perform unjust actions than to be the victim of the injustice committed by others. The ideas and methods of these thinkers provided the lively intellectual environment in which the greatest Athenian philosophers thrived.

### 3. Socrates



In his use of critical reasoning, by his unwavering commitment to truth, and through the vivid example of his own life, fifth-century Athenian Socrates set the standard for all subsequent Western philosophy. Since he left no literary

legacy of his own, we are dependent upon contemporary writers like Aristophanes and [Xenophon](#) for our information about his life and work. As a pupil of Archelaus during his youth, Socrates showed a great deal of interest in the scientific theories of [Anaxagoras](#), but he later abandoned inquiries into the physical world for a dedicated investigation of the development of moral character. Having served with some distinction as a soldier at Delium and Amphipolis during the Peloponnesian War, Socrates dabbled in the political turmoil that consumed Athens after the War, then retired from active life to work as a stonemason and to raise his children with his

wife, Xanthippe. After inheriting a modest fortune from his father, the sculptor Sophroniscus, Socrates used his marginal financial independence as an opportunity to give full-time attention to inventing the practice of philosophical dialogue.

For the rest of his life, Socrates devoted himself to free-wheeling discussion with the aristocratic young citizens of Athens, insistently questioning their unwarranted confidence in the truth of popular opinions, even though he often offered them no clear alternative teaching. Unlike the professional [Sophists](#) of the time, Socrates pointedly declined to accept payment for his work with students, but despite (or, perhaps, because) of this lofty disdain for material success, many of them were fanatically loyal to him. Their parents, however, were often displeased with his influence on their offspring, and his earlier association with opponents of the democratic regime had already made him a controversial political figure.

Although the amnesty of 405 forestalled direct prosecution for his political activities, an Athenian jury found other charges—corrupting the youth and interfering with the religion of the



city—upon which to convict Socrates, and they sentenced him to death in 399 B.C.E. Accepting this outcome with remarkable grace, Socrates [drank hemlock and died](#) in the company of his friends and disciples.

Our best sources of information about Socrates's philosophical views are the early dialogues of his student [Plato](#), who attempted there to provide a faithful picture of the

methods and teachings of the master. (Although Socrates also appears as a character in the later dialogues of Plato, these writings more often express philosophical positions Plato himself developed long after Socrates's death.) In the Socratic dialogues, his extended conversations with students, statesmen, and friends invariably aim at understanding and achieving [virtue](#) {Gk. [ἀρετή](#) [[aretê](#)]} through the careful application of a [dialectical](#) method that employs critical inquiry to undermine the plausibility of widely-held doctrines. Destroying the illusion that we already comprehend the world perfectly and honestly accepting the fact of our own ignorance, Socrates believed, are vital steps toward our acquisition of genuine knowledge, by discovering universal definitions of the key concepts governing human life.

Interacting with an arrogantly confident young man in [Εὐθύφρων](#) ([EUTHYPHRO](#)), for example, Socrates [systematically refutes the superficial notion of piety \(moral rectitude\)](#) as doing whatever is pleasing to the gods. Efforts to define morality by reference to any external authority, he argued, inevitably founder in [a significant logical dilemma about the origin of the good](#). Plato's [Ἀπολογία](#) ([APOLOGY](#)) is an account of Socrates's (unsuccessful) speech in his own defense before the Athenian jury; it includes a detailed description of [the motives and goals of philosophical activity](#) as he practiced it, together with a passionate declaration of its value for life. The [Κρίτων](#) ([CRITO](#)) reports that during Socrates's imprisonment he responded to [friendly efforts to secure his escape](#) by seriously debating whether or not it would be right for him to do so. He concludes to the contrary that an individual citizen—even when the victim of unjust treatment—can never be [justified in refusing to obey the laws of the state](#).

The Socrates of the [Μένων](#) ([MENO](#)) tries to determine [whether or not virtue can be taught](#), and this naturally leads to a careful investigation of the nature of virtue itself. Although his direct answer is that virtue is unteachable,

Socrates does propose [the doctrine of recollection](#) to explain why we nevertheless are in possession of significant knowledge about such matters. Most remarkably, Socrates argues here that knowledge and virtue are so closely related that [no human agent ever knowingly does evil](#): we all invariably do what we believe to be best. Improper conduct, then, can only be a product of our ignorance rather than a symptom of [weakness of the will](#) {Gk. [ακρασία \[akrásia\]](#)}. The same view is also defended in the [Πρωταγόρας \(PROTAGORAS\)](#), along with the belief that all of the virtues must be cultivated together.

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**Recommended Reading: Primary sources:**

- Plato, THE LAST DAYS OF SOCRATES, ed. by Hugh Tredennick (Penguin, 1995)
- Xenophon, CONVERSATIONS OF SOCRATES, ed. by Hugh Tredennick (Penguin, 1990)

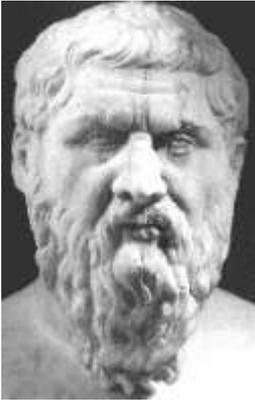
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- Anthony Gottlieb, SOCRATES (Routledge, 1999)
- Gregory Vlastos, SOCRATES, IRONIST AND MORAL PHILOSOPHER (Cornell, 1991)
- Gary Alan Scott, DOES SOCRATES HAVE A METHOD? RETHINKING THE ELENCHUS IN PLATO'S DIALOGUES AND BEYOND (Penn State, 2002)
- Alexander Nehamas, VIRTUES OF AUTHENTICITY (Princeton, 1998)
- I. F. Stone, THE TRIAL OF SOCRATES (Anchor, 1989)
- James A. Colaiaco, SOCRATES AGAINST ATHENS: PHILOSOPHY ON TRIAL (Routledge, 2001)

**Additional on-line information on Socrates includes:**

- Debra Nails's article in [The Stanford Encyclopedia of Philosophy](#).
  - The full article available at [Encyclopædia Britannica Online](#).
  - The thorough collection of resources at [EpistemeLinks.com](#).
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## 4. Plato



The son of wealthy and influential Athenian parents, Plato began his philosophical career as a student of [Socrates](#). When the master died, Plato travelled to Egypt and Italy, studied with students of [Pythagoras](#), and spent several years advising the ruling family of Syracuse. Eventually, he returned to Athens and established his own school of philosophy at the Academy. For students enrolled there, Plato tried both to pass

on the heritage of a Socratic style of thinking and to guide their progress through mathematical learning to the achievement of abstract philosophical truth. The written dialogues on which his enduring reputation rests also serve both of these aims.



In his earliest literary efforts, Plato tried to convey the spirit of Socrates's teaching by presenting accurate reports of [the master's conversational interactions](#), for which these dialogues are our primary source

of information. Early dialogues are typically devoted to investigation of a single issue, about which a conclusive result is rarely achieved. Thus, the [Εὐθυφρόν \(EUTHYPHRO\)](#) raises a significant doubt about whether morally right action can be [defined in terms of divine approval](#) by pointing out a significant [dilemma about any appeal to authority](#) in defence of moral judgments. The [Ἀπολογία \(APOLOGY\)](#) offers a description of [the philosophical life](#) as Socrates presented it in his own [defense before the Athenian jury](#). The [Κριτόν \(CRITO\)](#)

uses the [circumstances of Socrates's imprisonment](#) to ask whether an individual citizen is ever [justified in refusing to obey](#) the state.

Although they continue to use the talkative Socrates as a fictional character, [the middle dialogues](#) of Plato develop, express, and defend his own, more firmly established, conclusions about central philosophical issues. Beginning with the [Μένων \(MENO\)](#), for example, Plato not only reports the Socratic notion that [no one knowingly does](#)



[wrong](#), but also introduces [the doctrine of recollection](#) in an attempt to discover whether or not [virtue can be taught](#). The [Φαιδρον \(PHAEDO\)](#) continues development of Platonic notions by presenting the doctrine of the [Forms](#) in support of [a series of arguments](#) that claim to demonstrate [the immortality of the human soul](#).

The masterpiece among the middle dialogues is Plato's [Πολιτεία \(REPUBLIC\)](#). It begins with a Socratic conversation about [the nature of justice](#) but proceeds directly to [an extended discussion](#) of the [virtues](#) (Gk. [αρετη \[aretê\]](#)) of [justice](#) (Gk. [δικαιοσυνη \[dikaiôsunê\]](#)), [wisdom](#) (Gk. [σοφια \[sophía\]](#)), [courage](#) (Gk. [ανδρεια \[andreia\]](#)), and [moderation](#) (Gk. [σωφροσυνη \[sophrosúnê\]](#)) as they appear both in [individual human beings](#) and in [society as a whole](#). This



plan for the ideal society or person requires detailed accounts of [human knowledge](#) and of the kind of [educational program](#) by which it may be achieved by [men and women alike](#), captured in a powerful image of the possibilities for human life in the [allegory of the cave](#). The dialogue concludes with a review of various [forms of government](#), an explicit description of the ideal state, in which [only philosophers are fit to rule](#), and an attempt to show that [justice is better than injustice](#). Among the [other dialogues](#) of this period are Plato's treatments of human emotion in general and of love in particular in the [Φαιδρος \(PHAEDRUS\)](#) and [Συμπόσιον \(SYMPOSIUM\)](#).

Plato's later writings often modify or completely abandon the formal structure of dialogue. They include a critical examination of the theory of forms in [Παρμενίδης \(PARMENIDES\)](#), an extended discussion of the problem of knowledge in [Θεαιητος \(THEAETETUS\)](#), cosmological speculations in [Τιμαιος \(Timaeus\)](#), and an interminable treatment of government in the unfinished [Λεγεις \(LAWS\)](#).

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- John Sallis, CHOROLOGY: ON BEGINNING IN PLATO'S TIMAEUS (Indiana, 1999)

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# 5. Plato: Apology (Part I)

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Produced by Sue Asscher

## APOLOGY

By Plato

Translated by Benjamin Jowett

### INTRODUCTION.

In what relation the Apology of Plato stands to the real defence of Socrates, there are no means of determining. It certainly agrees in tone and character with the description of Xenophon, who says in the *Memorabilia* that Socrates might have been acquitted 'if in any degree he would have conciliated the favour of the dicasts;' and he informs us in another passage, on the testimony of Hermogenes, a friend of Socrates, that he had no wish to live; and that the dicast sign refused to allow him to prepare a defence, and also that Socrates himself declared this to be unnecessary, on the ground that all the long he had been preparing against that hour. For the speech breathes throughout a spirit of defiance, (*ut non supplex aut reus sed miles aut dominus videretur esse iudicium*', Cic. *de Orat.*); and the lofty and desultory style is an imitation of the 'accustomed manner' in which Socrates spoke in 'the agora and among the tables of the money-changers.' The allusion in the *Crito* may, perhaps, be added as further evidence of the literal accuracy of some parts. But in the main it must be regarded as the ideal of Socrates, according to the conception of him, appearing in the greatest and most public scene of his life, and in the height of his triumph, when he is weakest, and his mastery over mankind is greatest, and his habitual irony acquires a new meaning and a sort of tragic pathos in the face of death. The events of his life are summed up, and the features of his character are

out as if by accident in the course of the defence. The conversational manner, the seeming want of arrangement, the ironical simplicity found to result in a perfect work of art, which is the portrait of Socrates.

Yet some of the topics may have been actually used by Socrates; the recollection of his very words may have rung in the ears of the disciple. The Apology of Plato may be compared generally with the speeches of Thucydides in which he has embodied his conception of the lofty character and policy of the great Pericles, and which at the same time furnish a commentary on the situation of affairs from the view of the historian. So in the Apology there is an ideal rather than a literal truth; much is said which was not said, and is only Platonic of the situation. Plato was not, like Xenophon, a chronicler of events; he does not appear in any of his writings to have aimed at literal accuracy. He is not therefore to be supplemented from the Memorabilia and Symposium of Xenophon, who belongs to an entirely different class of writers. The Apology of Plato is not the report of what Socrates actually said, but an elaborate composition, quite as much so in fact as one of his Dialogues. And we may perhaps even indulge in the fancy that the defence of Socrates was as much greater than the Platonic defence of his master was greater than the disciple. But in any case, some of the topics used by him must have been remembered, and some of the facts related must have actually occurred. It is significant that Plato is said to have been present at the defence (Apol.), as he is also said to have been absent at the last scene in the Phaedo. Is it fanciful to suppose that he meant to give the stamp of authenticity to the one and not the other?--especially when we consider that these two passages are the only ones in which Plato makes mention of himself. The circumstance that Plato was to be one of his sureties for the payment of the fine proposed has the appearance of truth. More suspicious is the story that Socrates received the first impulse to his favourite calling from the cross-examining the world from the Oracle of Delphi; for he must have been famous before Chaerephon went to consult the Oracle (Phaedo) and the story is of a kind which is very likely to have been in

On the whole we arrive at the conclusion that the Apology is true to the character of Socrates, but we cannot show that any single sentence was actually spoken by him. It breathes the spirit of Socrates, but has been cast anew in the mould of Plato.

There is not much in the other Dialogues which can be compared to the Apology. The same recollection of his master may have been present in the mind of Plato when depicting the sufferings of the Just Man in the Republic. The Crito may also be regarded as a sort of appendage to the Apology, in which Socrates, who has defied the judges, is never represented as scrupulously obedient to the laws. The idealization of the sufferer is carried still further in the Gorgias, in which the thesis is maintained, that 'to suffer is better than to do evil.' In the art of rhetoric is described as only useful for the purpose of self-accusation. The parallelisms which occur in the so-called Memorabilia of Xenophon are not worth noticing, because the writing in which they are contained is manifestly spurious. The statements of the Memorabilia respecting the trial and death of Socrates agree generally with those of the Apology, but they have lost the flavour of Socratic irony in the narrative of Xenophon.

The Apology or Platonic defence of Socrates is divided into three parts: 1st. The defence properly so called; 2nd. The shorter address for the mitigation of the penalty; 3rd. The last words of prophetic rebuke and exhortation.

The first part commences with an apology for his colloquial style. He is, as he has always been, the enemy of rhetoric, and knows that he will do no rhetoric but truth; he will not falsify his character by making a fine speech. Then he proceeds to divide his accusers into two classes: first, there is the nameless accuser--public opinion. All the world from his earliest years had heard that he was a corrupter of youth, and he is caricatured in the Clouds of Aristophanes. Secondly, there are the professed accusers, who are but the mouth-piece of the other. The accusations of both might be summed up in a formula. The first

'Socrates is an evil-doer and a curious person, searching into  
under the earth and above the heaven; and making the worse appear  
better cause, and teaching all this to others.' The second, 'So  
an evil-doer and corrupter of the youth, who does not receive t  
whom the state receives, but introduces other new divinities.'  
last words appear to have been the actual indictment (compare X  
Mem.); and the previous formula, which is a summary of public o  
assumes the same legal style.

The answer begins by clearing up a confusion. In the representa  
of the Comic poets, and in the opinion of the multitude, he had  
identified with the teachers of physical science and with the S  
But this was an error. For both of them he professes a respect  
open court, which contrasts with his manner of speaking about t  
other places. (Compare for Anaxagoras, Phaedo, Laws; for the So  
Meno, Republic, Tim., Theaet., Soph., etc.) But at the same tim  
he shows that he is not one of them. Of natural philosophy he k  
nothing; not that he despises such pursuits, but the fact is th  
ignorant of them, and never says a word about them. Nor is he p  
giving instruction--that is another mistaken notion:--he has no  
teach. But he commends Evenus for teaching virtue at such a 'mo  
rate as five minae. Something of the 'accustomed irony,' which  
perhaps be expected to sleep in the ear of the multitude, is lu  
here.

He then goes on to explain the reason why he is in such an evil  
That had arisen out of a peculiar mission which he had taken up  
himself. The enthusiastic Chaerephon (probably in anticipation  
answer which he received) had gone to Delphi and asked the orac  
there was any man wiser than Socrates; and the answer was, that  
was no man wiser. What could be the meaning of this--that he wh  
nothing, and knew that he knew nothing, should be declared by t  
to be the wisest of men? Reflecting upon the answer, he determi  
refute it by finding 'a wiser;' and first he went to the politi  
and then to the poets, and then to the craftsmen, but always wi

same result--he found that they knew nothing, or hardly anything than himself; and that the little advantage which in some cases possessed was more than counter-balanced by their conceit of knowledge. He knew nothing, and knew that he knew nothing: they knew little, and imagined that they knew all things. Thus he had passed his life as a sort of missionary in detecting the pretended wisdom of mankind; and this occupation had quite absorbed him and taken him away both from public and private affairs. Young men of the richer sort made a pastime of the same pursuit, 'which was not unamusing.' Bitter enmities had arisen; the professors of knowledge had reviled themselves by calling him a villainous corrupter of youth, and were repeating the commonplaces about atheism and materialism and so forth which are the stock-accusations against all philosophers when they have nothing else to be said of them.

The second accusation he meets by interrogating Meletus, who is the only one and can be interrogated. 'If he is the corrupter, who is the improver of the citizens?' (Compare Meno.) 'All men everywhere.' But how absurd and contrary to analogy is this! How inconceivable too, that he should make the citizens worse when he has to live with them. This surely could not be intentional; and if unintentional, he ought to have been instructed by Meletus, and not accused in the court.

But there is another part of the indictment which says that he has persuaded the men not to receive the gods whom the city receives, and has other gods. 'Is that the way in which he is supposed to corrupt the youth?' 'Yes, it is.' 'Has he only new gods, or none at all?' 'None at all.' 'What, not even the sun and moon?' 'No; why, he says that the sun is fire, the stone, and the moon earth.' That, replies Socrates, is the old story about Anaxagoras; the Athenian people are not so ignorant as to be persuaded to attribute to the influence of Socrates notions which have found their way into the drama, and may be learned at the theatre. So he undertakes to show that Meletus (rather unjustifiably) has been guilty of compounding a riddle in this part of the indictment: 'There are no gods, but Socrates believes in the existence of the sons of gods, which

absurd.'

Leaving Meletus, who has had enough words spent upon him, he returns to the original accusation. The question may be asked, Why will he persist in following a profession which leads him to death? Why?--because he must remain at his post where the god has placed him, as he remained at Potidaea, and Amphipolis, and Delium, where the generals placed him. Besides, he is not so overwise as to imagine that he knows what is a good or an evil; and he is certain that desertion of his post is an evil. Anytus is quite right in saying that they should never have indicted him if they meant to let him go. For he will certainly die rather than man; and will continue to preach to all men of all ages the necessity of virtue and improvement; and if they refuse to listen, he will still persevere and reprove them. This is his way of conducting the youth, which he will not cease to follow in obedience to the gods, even if a thousand deaths await him.

He is desirous that they should let him live--not for his own sake, but for theirs; because he is their heaven-sent friend (and they will never have such another), or, as he may be ludicrously described, he is a gadfly who stirs the generous steed into motion. Why then has he not taken part in public affairs? Because the familiar divine voice which hindered him; if he had been a public man, and had fought for the city, as he would certainly have fought against the many, he would not have lived, and could therefore have done no good. Twice in public matters he has risked his life for the sake of justice--once at the trial of the generals; and again in resistance to the tyrannical command of the Thirty.

But, though not a public man, he has passed his days in instructing the citizens without fee or reward--this was his mission. Whether his disciples have turned out well or ill, he cannot justly be charged with the result, for he never promised to teach them anything. They come if they liked, and they might stay away if they liked: and they did come, because they found an amusement in hearing the pretensions

wisdom detected. If they have been corrupted, their elder relatives (not themselves) might surely come into court and witness against them, and there is an opportunity still for them to appear. But their fathers and brothers all appear in court (including 'this' Plato), to witness on his behalf; and if their relatives are corrupted, at least they themselves are uncorrupted; 'and they are my witnesses. For they know that I am speaking the truth, and that Meletus is lying.'

This is about all that he has to say. He will not entreat the judge to spare his life; neither will he present a spectacle of weeping, although he, too, is not made of 'rock or oak.' Some of the judges themselves may have complied with this practice on similar occasions, and he trusts that they will not be angry with him for not following their example. But he feels that such conduct brings discredit to the name of Athens: he feels too, that the judge has sworn not to grant justice; and he cannot be guilty of the impiety of asking the judge to break his oath, when he is himself being tried for impiety.

As he expected, and probably intended, he is convicted. And now, instead of the speech, instead of being more conciliatory, becomes more lofty and commanding. Anytus proposes death as the penalty: and what counter-proposition shall he make? He, the benefactor of the Athenian people, whose whole life has been spent in doing them good, should at least have the Olympic victor's reward of maintenance in the Prytaneion. Or why should he propose any counter-penalty when he does not know whether death, which Anytus proposes, is a good or an evil? And he is certain that imprisonment is an evil, exile is an evil. Loss of property might be an evil, but then he has none to give; perhaps he can give a mina. Let that be the penalty, or, if his friends wish, thirty minas for which they will be excellent securities.

(He is condemned to death.)

He is an old man already, and the Athenians will gain nothing but disgrace by depriving him of a few years of life. Perhaps he could

escaped, if he had chosen to throw down his arms and entreat for life. But he does not at all repent of the manner of his defence; he would rather die in his own fashion than live in theirs. For the penalty of unrighteousness is swifter than death; that penalty has already overtaken his accusers as death will soon overtake him.

And now, as one who is about to die, he will prophesy to them. He put him to death in order to escape the necessity of giving an account of their lives. But his death 'will be the seed' of many disciples; it will convince them of their evil ways, and will come forth to reproach them in harsher terms, because they are younger and more inconstant.

He would like to say a few words, while there is time, to those who would have acquitted him. He wishes them to know that the divine never interrupted him in the course of his defence; the reason, as he conjectures, is that the death to which he is going is a good one, not an evil. For either death is a long sleep, the best of sleeps, or a journey to another world in which the souls of the dead are gathered together, and in which there may be a hope of seeing the heroes of old--in which, too, there are just judges; and as all are immortal, there can be no fear of any one suffering death for his opinion.

Nothing evil can happen to the good man either in life or death. His own death has been permitted by the gods, because it was better for him to depart; and therefore he forgives his judges because they have done him no harm, although they never meant to do him any good.

He has a last request to make to them--that they will trouble him no more, as he has troubled them, if they appear to prefer riches to virtue; and that they will not think themselves something when they are nothing.

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'Few persons will be found to wish that Socrates should have defended himself otherwise,'--if, as we must add, his defence was that which

Plato has provided him. But leaving this question, which does not admit of a precise solution, we may go on to ask what was the impression Plato in the Apology intended to give of the character and conduct of his master in the last great scene? Did he intend to represent Socrates as employing sophistries; (2) as designedly irritating the judges; or are these sophistries to be regarded as belonging to the age in which he lived and to his personal character, and this apparent haughtiness flowing from the natural elevation of his position?

For example, when he says that it is absurd to suppose that one man could corrupt the corrupter and all the rest of the world the improvers of the world; or, when he argues that he never could have corrupted the men with whom he had to live; or, when he proves his belief in the gods because he believes in the sons of gods, is he serious or jesting? It may be observed that these sophisms all occur in his cross-examination of Meletus, who is easily foiled and mastered in the hands of the dialectician. Perhaps he regarded these answers as good enough for an accuser, of whom he makes very light. Also there is a touch of irony in them, which takes them out of the category of sophistry. (Compare Euthyph.)

That the manner in which he defends himself about the lives of his disciples is not satisfactory, can hardly be denied. Fresh in the memory of the Athenians, and detestable as they deserved to be to the restored democracy, were the names of Alcibiades, Critias, Charmides. It is obviously not a sufficient answer that Socrates had never promised to teach them anything, and is therefore not justly chargeable with their crimes. Yet the defence, when taken out of this ironical form, is doubtless sound: that his teaching had nothing to do with their lives. Here, then, the sophistry is rather in form than in substance, though we might desire that to such a serious charge Socrates had given a more serious answer.

Truly characteristic of Socrates is another point in his answer to the charge of impiety, which may also be regarded as sophistical. He says that 'if he has committed

the youth, he must have corrupted them involuntarily.' But if, Socrates argues, all evil is involuntary, then all criminals would be admonished and not punished. In these words the Socratic doctrine of the involuntariness of evil is clearly intended to be conveyed. Here again, as in the former instance, the defence of Socrates is not practically, but may be true in some ideal or transcendental sense. A commonplace reply, that if he had been guilty of corrupting the youth, their relations would surely have witnessed against him, with which Socrates concludes this part of his defence, is more satisfactory.

Again, when Socrates argues that he must believe in the gods because he believes in the sons of gods, we must remember that this is a modification, not of the original indictment, which is consistent enough--'Socrates does not receive the gods whom the city receives, and has other gods and divinities'--but of the interpretation put upon the words by Meletus, who has affirmed that he is a downright atheist. To this Socrates answers, in accordance with the ideas of the time, that a downright atheist cannot believe in the sons of gods or in divine things. The notion that demons or lesser divinities are the sons of gods is to be regarded as ironical or sceptical. He is arguing 'ad hominem' according to the notions of mythology current in his age. Yet he abstains from saying that he believed in the gods whom the State approved. He does not defend himself, as Xenophon has defended him, by appealing to his practice of religion. Probably he neither wholly believed, nor disbelieved, in the existence of the popular gods whom he had no means of knowing about them. According to Plato (compare *Symp.*), as well as Xenophon (*Memor.*), he was punctual in the performance of the least religious duties; and he must have believed in his oracular sign, of which he seemed to have an internal witness. He did not disbelieve in the existence of Apollo or Zeus, or the other gods whom the State approved, would have appeared to him both uncertain and unimportant in comparison with the duty of self-examination, and of those principles of truth and right which he deemed to be the foundation of religion. (*Co. Phaedr.*; *Euthyph.*; *Republic.*)

The second question, whether Plato meant to represent Socrates braving or irritating his judges, must also be answered in the affirmative. His irony, his superiority, his audacity, 'regarding not the person, but the man,' necessarily flow out of the loftiness of his situation. He is acting a part upon a great occasion, but he is what he has been all his life long, 'a king of men.' He would rather not appear insolent than he could avoid it (ouch os authadizomenos touto lego). Neither is he desirous of hastening his own end, for life and death are so indifferent to him. But such a defence as would be acceptable to his judges and might procure an acquittal, it is not in his nature to make. He will not say or do anything that might pervert the course of justice; he cannot have his tongue bound even 'in the throat of death.' In his dealings with his accusers he will only fence and play, as he had fenced with the 'improvers of youth,' answering the Sophist according to his own manner all his life long. He is serious when he is speaking of his own mission, which seems to distinguish him from all other reformers of mankind; it originates in an accident. The dedication of himself to the improvement of his fellow-citizens is not so remarkable as the ironical spirit which he goes about doing good only in vindication of the credit of the oracle, and in the vain hope of finding a wiser man than himself. It is this singular and almost accidental character of his mission which gives to the divine sign which, according to our notions, is equally accidental and irrational, and is nevertheless accepted by him as the guiding principle of his life. Socrates is nowhere represented to us as a freethinker or sceptic. There is no reason to doubt his sincerity; he speculates on the possibility of seeing and knowing the heroes of the Trojan war in another world. On the other hand, his hope of immortality is uncertain;--he also conceives of death as a long sleep (in this respect differing from the Phaedo), and at last falls back upon resignation to the divine will, and the certainty that no evil can happen to the good man either in life or death. His absolute truthfulness seems to hinder him from asserting positively more than he knows; this; and he makes no attempt to veil his ignorance in mythological figures of speech. The gentleness of the first part of the speech contrasts with the aggravated, almost threatening, tone of the

conclusion. He characteristically remarks that he will not speak like a rhetorician, that is to say, he will not make a regular defence. Lysias or one of the orators might have composed for him, or, according to some accounts, did compose for him. But he first procures his hearing by conciliatory words. He does not attack the Sophists; they were open to the same charges as himself; they were equally ridiculed by the Comic poets, and almost equally hateful to Anytus and Meletus. He incidentally touches the antagonism between Socrates and the Sophists in his refusal to appear. He is poor and they are rich; his profession that he knows nothing is opposed to their readiness to teach all things; his habit of going in the marketplace to their private instructions; his tarry-about in the marketplace to their wandering from city to city. The tone which he assumes towards them is one of real friendliness, but also of concealed irony. Anaxagoras, who had disappointed him in his hopes of learning about the world and nature, he shows a less kindly feeling, which is also the feeling of Plato in other passages (Laws). But Anaxagoras had been dead many years, and was beyond the reach of persecution.

It has been remarked that the prophecy of a new generation of philosophers who would rebuke and exhort the Athenian people in harsher and more violent terms was, as far as we know, never fulfilled. No inference can be drawn from this circumstance as to the probability of the words attributed to him having been actually uttered. They express the aspiration of the first martyr of philosophy, that he would lead with him many followers, accompanied by the not unnatural feeling that they would be fiercer and more inconsiderate in their words when emancipated from his control.

The above remarks must be understood as applying with any degree of certainty to the Platonic Socrates only. For, although these oratorical words may have been spoken by Socrates himself, we cannot exclude the possibility, that like so much else, e.g. the wisdom of Critias in the poem of Solon, the virtues of Charmides, they may have been due to the imagination of Plato. The arguments of those who maintain that the Apology was composed during the process, resting on no evidence

require a serious refutation. Nor are the reasonings of Schleiermacher who argues that the Platonic defence is an exact or nearly exact reproduction of the words of Socrates, partly because Plato would have been guilty of the impiety of altering them, and also because the points of the defence might have been improved and strengthened to more conclusive. (See English Translation.) What effect the death of Socrates produced on the mind of Plato, we cannot certainly determine; nor can we say how he would or must have written under such circumstances. We observe that the enmity of Aristophanes to Socrates does not prevent Plato from introducing them together in the Symposium engaged in friendly intercourse. Nor is there any trace in the Republic of an attempt to make Anytus or Meletus personally odious in the eyes of the Athenian public.

## APOLOGY

How you, O Athenians, have been affected by my accusers, I cannot say; but I know that they almost made me forget who I was--so persuasive were they in what they did speak; and yet they have hardly uttered a word of truth. Of the many falsehoods told by them, there was one which quite affected me;--I mean when they said that you should be upon your guard against allowing yourselves to be deceived by the force of my eloquence. That is, this, when they were certain to be detected as soon as I opened my mouth and proved myself to be anything but a great speaker, did indeed do me most shameless--unless by the force of eloquence they meant the force of truth; for it such is their meaning, I admit that I was not so eloquent. But in how different a way from theirs! Well, as I was told they have scarcely spoken the truth at all; but from me you shall hear the whole truth: not, however, delivered after their manner in an oration duly ornamented with words and phrases. No, by heaven! I shall use the words and arguments which occur to me at the moment.

I am confident in the justice of my cause (Or, I am certain that I am right in taking this course.): at my time of life I ought not to be appearing before you, O men of Athens, in the character of a juror--let no one expect it of me. And I must beg of you to grant me a favour:--If I defend myself in my accustomed manner, and you do not use the words which I have been in the habit of using in the law-courts, the tables of the money-changers, or anywhere else, I would ask you not to be surprised, and not to interrupt me on this account. For I am more than seventy years of age, and appearing now for the first time in a court of law, I am quite a stranger to the language of the law; and therefore I would have you regard me as if I were really a stranger, to whom you would excuse if he spoke in his native tongue, and after the fashion of his country:--Am I making an unfair request of you? Do not mind the manner, which may or may not be good; but think only of the truth of my words, and give heed to that: let the speaker speak, and the judge decide justly.

And first, I have to reply to the older charges and to my first accusers, and then I will go on to the later ones. For of old I have many accusers, who have accused me falsely to you during many years, and I am more afraid of them than of Anytus and his associates, who are dangerous, too, in their own way. But far more dangerous are those who began when you were children, and took possession of your minds with their falsehoods, telling of one Socrates, a wise man, who speculated about the heaven above, and searched into the earth beneath, and that the worse appear the better cause. The disseminators of this tale are the accusers whom I dread; for their hearers are apt to fancy that the enquirers do not believe in the existence of the gods. And they are many, and their charges against me are of ancient date, and they were made by them in the days when you were more impressible than you are now--in childhood, or it may have been in youth--and the cause was heard went by default, for there was none to answer. And hardest of all I do not know and cannot tell the names of my accusers; unless by some chance case of a Comic poet. All who from envy and malice have accused you--some of them having first convinced themselves--all this

men are most difficult to deal with; for I cannot have them up and cross-examine them, and therefore I must simply fight with shadow and my own defence, and argue when there is no one who answers. I will then assume with me, as I was saying, that my opponents are of two kinds; one recent, the other ancient: and I hope that you will excuse the impropriety of my answering the latter first, for these accusations have been heard long before the others, and much oftener.

Well, then, I must make my defence, and endeavour to clear away in a short time, a slander which has lasted a long time. May I succeed be for my good and yours, or likely to avail me in my case. The task is not an easy one; I quite understand the nature of it, and leaving the event with God, in obedience to the law I will now make my defence.

I will begin at the beginning, and ask what is the accusation which has given rise to the slander of me, and in fact has encouraged Meletus to prove this charge against me. Well, what do the slanderers say? They shall be my prosecutors, and I will sum up their words in an affidavit: 'Socrates is an evil-doer, and a curious person, who searches into things under the earth and in heaven, and he makes the worse appear the better cause; and he teaches the aforesaid doctrines to others.' Now, the nature of the accusation: it is just what you have yourself said in the comedy of Aristophanes (Aristoph., Clouds.), who has introduced a man whom he calls Socrates, going about and saying that he walks upon air, and talking a deal of nonsense concerning matters of which I do not pretend to know either much or little--not that I mean to speak disparagingly of any one who is a student of natural philosophy, but I should be very sorry if Meletus could bring so grave a charge against me. But the simple truth is, O Athenians, that I have nothing to do with physical speculations. Very many of those here present are witnesses of the truth of this, and to them I appeal. Speak then, you who have known me, and tell your neighbours whether any of you have ever known me speak forth in few words or in many upon such matters...You hear their sayings. And from what they say of this part of the charge you will be able to judge.

judge of the truth of the rest.

As little foundation is there for the report that I am a teacher who takes money; this accusation has no more truth in it than the others. Although, if a man were really able to instruct mankind, to receive money for giving instruction would, in my opinion, be an honour. There is Gorgias of Leontium, and Prodicus of Ceos, and Hippias of Thracian Pontus, who go the round of the cities, and are able to persuade the young men to leave their own citizens by whom they might be taught for nothing, and come to them whom they not only pay, but are thankful if they are allowed to pay them. There is at this time a Parian philosopher, Antisthenes, in Athens, of whom I have heard; and I came to hear of him in the following way:--I came across a man who has spent a world of money on the Sophists, Callias, the son of Hipponicus, and knowing that he had a son, I asked him: 'Callias,' I said, 'if your two sons were foals or horses, there would be no difficulty in finding some one to put over them; you should hire a trainer of horses, or a farmer probably, who would train and perfect them in their own proper virtue and excellence; but these are human beings, whom are you thinking of placing over them? Is there any one who understands human and political virtue? You must have thought about the matter, for you have sons; is there any one?' 'Yes, there is,' he said. 'Who is he?' said I; 'and of what country? and what is the charge?' 'Evenus the Parian,' he replied; 'he is the man, and the charge is five minae.' Happy is Evenus, I said to myself, if he has this wisdom, and teaches at such a moderate charge. Had I known of him, I should have been very proud and conceited; but the truth is that I have no knowledge of the kind.

I dare say, Athenians, that some one among you will reply, 'Yes, Socrates, but what is the origin of these accusations which are made against you; there must have been something strange which you have been doing? All these rumours and this talk about you would never have got abroad if you had been like other men: tell us, then, what is the cause of them, for we should be sorry to judge hastily of you.' Now I receive this as a fair challenge, and I will endeavour to explain to you the

why I am called wise and have such an evil fame. Please to attend. And although some of you may think that I am joking, I declare I will tell you the entire truth. Men of Athens, this reputation has come of a certain sort of wisdom which I possess. If you ask what kind of wisdom, I reply, wisdom such as may perhaps be attained for to that extent I am inclined to believe that I am wise; whereas the persons of whom I was speaking have a superhuman wisdom which I cannot describe, because I have it not myself; and he who says that I speak falsely, and is taking away my character. And here, O men of Athens, I must beg you not to interrupt me, even if I seem to say something extravagant. For the word which I will speak is not mine; I will refer you to a witness who is worthy of credit; that witness will be the God of Delphi--he will tell you about my wisdom, if I have any, and of what sort it is. You must have known Chaerephon; he was a friend of mine, and also a friend of yours, for he shared in the exile of the people, and returned with you. Well, Chaerephon, as I know, was very impetuous in all his doings, and he went to Delphi and boldly asked the oracle to tell him whether--as I was saying, I beg you not to interrupt--he asked the oracle to tell him whether he was wiser than I was, and the Pythian prophetess answered, that the man wiser. Chaerephon is dead himself; but his brother, who is still alive, will confirm the truth of what I am saying.

Why do I mention this? Because I am going to explain to you why I have such an evil name. When I heard the answer, I said to myself, What does the god mean? and what is the interpretation of his riddle? for he says that I have no wisdom, small or great. What then can he mean when he says that I am the wisest of men? And yet he is a god, and cannot be mistaken; that would be against his nature. After long consideration, I thought of a method of trying the question. I reflected that if I could only find a man wiser than myself, then I might go to the god with a refutation in my hand. I should say to him, 'Here is a man who is wiser than I am; you said that I was the wisest.' Accordingly I went to one who had the reputation of wisdom, and observed him--his name I need not mention; he was a politician whom I selected for examination--and the result

follows: When I began to talk with him, I could not help thinking he was not really wise, although he was thought wise by many, and still wiser by himself; and thereupon I tried to explain to him that he thought himself wise, but was not really wise; and the consequence was that he hated me, and his enmity was shared by several who were his friends and heard me. So I left him, saying to myself, as I went away: although I do not suppose that either of us knows anything really beautiful and good, I am better off than he is,--for he knows nothing and thinks that he knows; I neither know nor think that I know. In the latter particular, then, I seem to have slightly the advantage of him. Then I went to another who had still higher pretensions to wisdom, and my conclusion was exactly the same. Whereupon I made another enemy of him, and of many others besides him.

Then I went to one man after another, being not unconscious of the enmity which I provoked, and I lamented and feared this: but necessity was laid upon me,--the word of God, I thought, ought to be considered first. And I said to myself, Go I must to all who appear to know, and find out the meaning of the oracle. And I swear to you, Athenians, by the dog I swear!--for I must tell you the truth--the result of my mission was just this: I found that the men most in repute were the most foolish; and that others less esteemed were really wiser and better. I will tell you the tale of my wanderings and of the 'Hesperian' labours, as I may call them, which I endured only to find at last the oracle irrefutable. After the politicians, I went to the poets; to the dithyrambic, and all sorts. And there, I said to myself, you will be instantly detected; now you will find out that you are more ignorant than they are. Accordingly, I took them some of the most elaborate passages in their own writings, and asked what was the meaning of them--thinking that they would teach me something. Will you believe me, I am almost ashamed to confess the truth, but I must say that there was hardly a person present who would not have talked better about poetry than they did themselves. Then I knew that not by wisdom do men write poetry, but by a sort of genius and inspiration; they are like diviners or soothsayers who also say many fine things, but do not

understand the meaning of them. The poets appeared to me to be in the same case; and I further observed that upon the strength of poetry they believed themselves to be the wisest of men in other respects in which they were not wise. So I departed, conceiving myself to be superior to them for the same reason that I was superior to politicians.

At last I went to the artisans. I was conscious that I knew not all, as I may say, and I was sure that they knew many fine things. Here I was not mistaken, for they did know many things of which I was ignorant, and in this they certainly were wiser than I was. I observed that even the good artisans fell into the same error as the poets;--because they were good workmen they thought that they were wise in all sorts of high matters, and this defect in them overshadowed their wisdom; and therefore I asked myself on behalf of the oracle, whether I would like to be as I was, neither having their knowledge nor their ignorance, or like them in both; and I made answer to myself and to the oracle that I was better off as I was.

This inquisition has led to my having many enemies of the worst and most dangerous kind, and has given occasion also to many calumnies. I am called wise, for my hearers always imagine that I myself possess the wisdom which I find wanting in others: but the truth is, O Athenians, that God only is wise; and by his answer he intends to show that the wisdom of men is worth little or nothing; he is not speaking of Socrates, he is only using my name by way of illustration, as when he said, He, O men, is the wisest, who, like Socrates, knows that his wisdom is in truth worth nothing. And so I go about the world, seeking to persuade men to love the god, and search and make enquiry into the wisdom of any man, whether citizen or stranger, who appears to be wise; and if he is not wise, then in vindication of the oracle I show him that he is not, and my occupation quite absorbs me, and I have no time to give to any public matter of interest or to any concern of my own, but I am in utter poverty by reason of my devotion to the god.

There is another thing:--young men of the richer classes, who have much to do, come about me of their own accord; they like to hear pretenders examined, and they often imitate me, and proceed to examine others; there are plenty of persons, as they quickly discover, that they know something, but really know little or nothing; and those who are examined by them instead of being angry with them are angry with me: This confounded Socrates, they say; this vile misleader of youth!--and then if somebody asks them, Why, what do you practise or teach? they do not know, and cannot tell; but in order that they may not appear to be at a loss, they repeat the ready-made charges which are used against all philosophers about teaching up in the clouds and under the earth, and having no gods, and making the worse appear the better cause; for they do not like to confess that their pretence of knowledge has been detected--which is the truth, as they are numerous and ambitious and energetic, and are drawn into a battle array and have persuasive tongues, they have filled your ears with their loud and inveterate calumnies. And this is the reason why three accusers, Meletus and Anytus and Lycon, have set upon me; Meletus, who has a quarrel with me on behalf of the poets; Anytus, on behalf of the craftsmen and politicians; Lycon, on behalf of the rhetoricians. As I said at the beginning, I cannot expect to get rid of such a calumny all in a moment. And this, O men of Athens, is the truth, the whole truth; I have concealed nothing, I have dissembled nothing. And yet, I know that my plainness of speech makes them hate me, and that their hatred but a proof that I am speaking the truth?--Hence has arisen the prejudice against me; and this is the reason of it, as you will see out either in this or in any future enquiry.

I have said enough in my defence against the first class of my accusers. I turn to the second class. They are headed by Meletus, that good and true lover of his country, as he calls himself. Against them I must try to make a defence:--Let their affidavit be read: it contains something of this kind: It says that Socrates is a doer of evil, who corrupts the youth; and who does not believe in the gods of the city, but has other new divinities of his own. Such is the charge; and

us examine the particular counts. He says that I am a doer of evil, that I corrupt the youth; but I say, O men of Athens, that Meletus is the evil, in that he pretends to be in earnest when he is only in jest. He is so eager to bring men to trial from a pretended zeal and interest about matters in which he really never had the smallest interest. As to the truth of this I will endeavour to prove to you.

Come hither, Meletus, and let me ask a question of you. You think a great deal about the improvement of youth?

Yes, I do.

Tell the judges, then, who is their improver; for you must know that I have taken the pains to discover their corrupter, and am now accusing me before them. Speak, then, and tell the judges who their improver is.--Observe, Meletus, that you are silent, and have nothing to say. But is not this rather disgraceful, and a very considerable proof of what I was saying, that you have no interest in the matter? Speak, friend, and tell us who their improver is.

The laws.

But that, my good sir, is not my meaning. I want to know who their improver is, who, in the first place, knows the laws.

The judges, Socrates, who are present in court.

What, do you mean to say, Meletus, that they are able to instruct and improve youth?

Certainly they are.

What, all of them, or some only and not others?

All of them.

By the goddess Here, that is good news! There are plenty of impro  
then. And what do you say of the audience,--do they improve the

Yes, they do.

And the senators?

Yes, the senators improve them.

But perhaps the members of the assembly corrupt them?--or do th  
improve them?

They improve them.

Then every Athenian improves and elevates them; all with the ex  
of myself; and I alone am their corrupter? Is that what you aff

That is what I stoutly affirm.

I am very unfortunate if you are right. But suppose I ask you a  
question: How about horses? Does one man do them harm and all t  
good? Is not the exact opposite the truth? One man is able to d  
good, or at least not many;--the trainer of horses, that is to  
them good, and others who have to do with them rather injure th  
Is not that true, Meletus, of horses, or of any other animals?  
assuredly it is; whether you and Anytus say yes or no. Happy in  
would be the condition of youth if they had one corrupter only,  
all the rest of the world were their improvers. But you, Meletu  
sufficiently shown that you never had a thought about the young  
carelessness is seen in your not caring about the very things w  
bring against me.

And now, Meletus, I will ask you another question--by Zeus I wi  
Which is better, to live among bad citizens, or among good ones

friend, I say; the question is one which may be easily answered: do the good do their neighbours good, and the bad do them evil?

Certainly.

And is there anyone who would rather be injured than benefited who live with him? Answer, my good friend, the law requires you to answer--does any one like to be injured?

Certainly not.

And when you accuse me of corrupting and deteriorating the youth, do you allege that I corrupt them intentionally or unintentionally?

Intentionally, I say.

But you have just admitted that the good do their neighbours good and the evil do them evil. Now, is that a truth which your superior wisdom has recognized thus early in life, and am I, at my age, in such ignorance and ignorance as not to know that if a man with whom I have to do is corrupted by me, I am very likely to be harmed by him; and yet I do harm him, and intentionally, too--so you say, although neither I nor any other human being is ever likely to be convinced by you. But either I do not corrupt them, or I corrupt them unintentionally; and on either side of the case you lie. If my offence is unintentional, the law has no cognizance of unintentional offences: you ought to have taken me aside privately, and warned and admonished me; for if I had been better advised, I should have left off doing what I only did do unintentionally--no doubt I should; but you would have nothing to say to me and refused to teach me. And now you bring me up in this court, which is a place not of instruction, but of punishment.

It will be very clear to you, Athenians, as I was saying, that the law has no care at all, great or small, about the matter. But still I would like to know, Meletus, in what I am affirmed to corrupt the youth?

suppose you mean, as I infer from your indictment, that I teach to acknowledge the gods which the state acknowledges, but some divinities or spiritual agencies in their stead. These are the by which I corrupt the youth, as you say.

Yes, that I say emphatically.

Then, by the gods, Meletus, of whom we are speaking, tell me in court, in somewhat plainer terms, what you mean! for I do not understand whether you affirm that I teach other men to acknowledge some gods, and therefore that I do believe in gods, and am not an atheist--this you do not lay to my charge,--but only you say that they are not the same gods which the city recognizes--the charge is that they are different gods. Or, do you mean that I am an atheist simply and a teacher of atheism?

I mean the latter--that you are a complete atheist.

What an extraordinary statement! Why do you think so, Meletus? Do you mean that I do not believe in the godhead of the sun or moon, or of the other men?

I assure you, judges, that he does not: for he says that the sun is a stone, and the moon earth.

Friend Meletus, you think that you are accusing Anaxagoras: and that is but a bad opinion of the judges, if you fancy them illiterate to a degree as not to know that these doctrines are found in the books of Anaxagoras the Clazomenian, which are full of them. And so, for the youth are said to be taught them by Socrates, when there are so frequently exhibitions of them at the theatre (Probably in all the comedies of Aristophanes who caricatured, and to Euripides who borrowed the doctrines of Anaxagoras, as well as to other dramatic poets.) (price of a play one drachma at the most); and they might pay their money, and leave Socrates if he pretends to father these extraordinary views. An

Meletus, you really think that I do not believe in any god?

I swear by Zeus that you believe absolutely in none at all.

Nobody will believe you, Meletus, and I am pretty sure that you believe yourself. I cannot help thinking, men of Athens, that Meletus is reckless and impudent, and that he has written this indictment in the spirit of mere wantonness and youthful bravado. Has he not composed a riddle, thinking to try me? He said to himself:--I shall see whether the wise Socrates will discover my facetious contradiction, or whether I shall be able to deceive him and the rest of them. For he certainly appears to me to contradict himself in the indictment as much as he has said that Socrates is guilty of not believing in the gods, and yet believing in them--but this is not like a person who is in earnest.

I should like you, O men of Athens, to join me in examining what Meletus conceives to be his inconsistency; and do you, Meletus, answer. I must remind the audience of my request that they would not make any disturbance if I speak in my accustomed manner:

Did ever man, Meletus, believe in the existence of human things other than those of human beings?...I wish, men of Athens, that he would answer, and not be always trying to get up an interruption. Did ever any man believe in horsemanship, and not in horses? or in flute-playing, and not in flute-players? No, my friend; I will answer to you and to the court, if you refuse to answer for yourself. There is no man who ever did please to answer the next question: Can a man believe in spiritual agencies, and not in spirits or demigods?

He cannot.

How lucky I am to have extracted that answer, by the assistance of the court! But then you swear in the indictment that I teach and believe in divine or spiritual agencies (new or old, no matter for that); and yet, in fact, I believe in spiritual agencies,--so you say and swear in the indictment.

affidavit; and yet if I believe in divine beings, how can I help believing in spirits or demigods;--must I not? To be sure I must therefore I may assume that your silence gives consent. Now what spirits or demigods? Are they not either gods or the sons of gods?

Certainly they are.

But this is what I call the facetious riddle invented by you: that demigods or spirits are gods, and you say first that I do not believe in gods, and then again that I do believe in gods; that is, if I believe in demigods. For if the demigods are the illegitimate sons of gods by the nymphs or by any other mothers, of whom they are said to be the sons--what human being will ever believe that there are no gods if they are the sons of gods? You might as well affirm the existence of horses and deny that of horses and asses. Such nonsense, Meletus, could not have been intended by you to make trial of me. You have put this indictment because you had nothing real of which to accuse me; no one who has a particle of understanding will ever be convinced that the same men can believe in divine and superhuman things, and not believe that there are gods and demigods and heroes.

I have said enough in answer to the charge of Meletus: any elaborate defence is unnecessary, but I know only too well how many are the enmities which I have incurred, and this is what will be my destruction if I am destroyed;--not Meletus, nor yet Anytus, but the envy and detraction of the world, which has been the death of many good men; and will probably be the death of many more; there is no danger of the last of them.

Some one will say: And are you not ashamed, Socrates, of a course of life which is likely to bring you to an untimely end? To him I will fairly answer: There you are mistaken: a man who is good for anything ought not to calculate the chance of living or dying; he ought only to consider whether in doing anything he is doing right or wrong--and the part of a good man or of a bad. Whereas, upon your view, the

who fell at Troy were not good for much, and the son of Thetis all, who altogether despised danger in comparison with disgrace when he was so eager to slay Hector, his goddess mother said to that if he avenged his companion Patroclus, and slew Hector, he die himself--'Fate,' she said, in these or the like words, 'wait you next after Hector;' he, receiving this warning, utterly des danger and death, and instead of fearing them, feared rather to in dishonour, and not to avenge his friend. 'Let me die forthwi he replies, 'and be avenged of my enemy, rather than abide here beaked ships, a laughing-stock and a burden of the earth.' Had any thought of death and danger? For wherever a man's place is, the place which he has chosen or that in which he has been plac commander, there he ought to remain in the hour of danger; he s not think of death or of anything but of disgrace. And this, O Athens, is a true saying.

Strange, indeed, would be my conduct, O men of Athens, if I who was ordered by the generals whom you chose to command me at Pot and Amphipolis and Delium, remained where they placed me, like man, facing death--if now, when, as I conceive and imagine, God me to fulfil the philosopher's mission of searching into myself other men, I were to desert my post through fear of death, or a fear; that would indeed be strange, and I might justly be arrai court for denying the existence of the gods, if I disobeyed the because I was afraid of death, fancying that I was wise when I wise. For the fear of death is indeed the pretence of wisdom, a real wisdom, being a pretence of knowing the unknown; and no on whether death, which men in their fear apprehend to be the grea evil, may not be the greatest good. Is not this ignorance of a disgraceful sort, the ignorance which is the conceit that a man what he does not know? And in this respect only I believe myself differ from men in general, and may perhaps claim to be wiser t they are:--that whereas I know but little of the world below, I suppose that I know: but I do know that injustice and disobedie better, whether God or man, is evil and dishonourable, and I wi

fear or avoid a possible good rather than a certain evil. And t  
if you let me go now, and are not convinced by Anytus, who said  
since I had been prosecuted I must be put to death; (or if not  
ought never to have been prosecuted at all); and that if I esca  
your sons will all be utterly ruined by listening to my words--  
say to me, Socrates, this time we will not mind Anytus, and you  
be let off, but upon one condition, that you are not to enquire  
speculate in this way any more, and that if you are caught doin  
again you shall die;--if this was the condition on which you le  
I should reply: Men of Athens, I honour and love you; but I sha  
God rather than you, and while I have life and strength I shall  
cease from the practice and teaching of philosophy, exhorting a  
one whom I meet and saying to him after my manner: You, my frie  
citizen of the great and mighty and wise city of Athens,--are y  
not ashamed of heaping up the greatest amount of money and hono  
reputation, and caring so little about wisdom and truth and the  
improvement of the soul, which you never regard or heed at all?  
the person with whom I am arguing, says: Yes, but I do care; th  
not leave him or let him go at once; but I proceed to interroga  
examine and cross-examine him, and if I think that he has no vi  
him, but only says that he has, I reproach him with undervaluin  
greater, and overvaluing the less. And I shall repeat the same  
every one whom I meet, young and old, citizen and alien, but es  
to the citizens, inasmuch as they are my brethren. For know tha  
the command of God; and I believe that no greater good has ever  
in the state than my service to the God. For I do nothing but g  
persuading you all, old and young alike, not to take thought fo  
persons or your properties, but first and chiefly to care about  
greatest improvement of the soul. I tell you that virtue is not  
by money, but that from virtue comes money and every other good  
man, public as well as private. This is my teaching, and if thi  
doctrine which corrupts the youth, I am a mischievous person. B  
any one says that this is not my teaching, he is speaking an un  
Wherefore, O men of Athens, I say to you, do as Anytus bids or  
as Anytus bids, and either acquit me or not; but whichever you

understand that I shall never alter my ways, not even if I have many times.

Men of Athens, do not interrupt, but hear me; there was an understanding between us that you should hear me to the end: I have something to say, at which you may be inclined to cry out; but I believe that what I will say will be good for you, and therefore I beg that you will not interrupt. I would have you know, that if you kill such an one as I am, you will injure yourselves more than you will injure me. Nothing will injure me, not Meletus nor yet Anytus--they cannot, for a bad man is not powerful to injure a better than himself. I do not deny that Anytus may, or kill him, or drive him into exile, or deprive him of civil rights, as he may imagine, and others may imagine, that he is inflicting a grievous injury upon him: but there I do not agree. For the evil of doing what he is doing--the evil of unjustly taking away the life of another man is a greater far.

And now, Athenians, I am not going to argue for my own sake, as you may think, but for yours, that you may not sin against the God by committing an injustice to me, who am his gift to you. For if you kill me you will not easily find a successor to me, who, if I may use such a ludicrous figure of speech, I am a sort of gadfly, given to the state by God; and the state is like an ox, and noble steed who is tardy in his motions owing to his very size, and requires to be stirred into life. I am that gadfly which God has attached to the state, and all day long and in all places am always fastening upon you, arousing and persuading and reproaching you. You will not easily find another like me, and therefore I would advise you to spare me. I dare say that you may feel out of temper (like a man who is suddenly awakened from sleep), and you think that you might easily strike me dead as Anytus advises, and then you would sleep for the remainder of your lives, unless God in his care of you sent another gadfly. When I say that I am given to you by God, the purpose of my mission is this:--if I had been like other men, I should not have neglected all my own concerns or patiently seen the neglect of others during all these years, and have been doing yours, coming to you

individually like a father or elder brother, exhorting you to virtue; such conduct, I say, would be unlike human nature. If I gained anything, or if my exhortations had been paid, there would be some sense in my doing so; but now, as you will perceive, the impudence of my accusers dares to say that I have ever exacted or sought pay of any one; of that they have no witness. And I have sufficient witness to the truth of what I say--my poverty.

Some one may wonder why I go about in private giving advice and busy myself with the concerns of others, but do not venture to come in public and advise the state. I will tell you why. You have heard me speak at sundry times and in divers places of an oracle or sign which comes to me, and is the divinity which Meletus ridicules in his indictment. This sign, which is a kind of voice, first began to come to me when I was a child; it always forbids but never commands me to do anything which I am going to do. This is what deters me from being a politician. And rightly, as I think. For I am certain, O men of Athens, that if I had engaged in politics, I should have perished long ago; I should have done no good either to you or to myself. And do not be offended with me for telling you the truth: for the truth is, that no man who goes to the aid of you or any other multitude, honestly striving against the lawless and unrighteous deeds which are done in a state, will survive long; he who will fight for the right, if he would live even for a short space, must have a private station and not a public one.

I can give you convincing evidence of what I say, not words only, but what you value far more--actions. Let me relate to you a passage from my own life which will prove to you that I should never have yielded to injustice from any fear of death, and that 'as I should have yielded' I must have died at once. I will tell you a tale of the trial of Antiochis, not very interesting perhaps, but nevertheless true. The only office of state which I ever held, O men of Athens, was that of senator: Antiochis, which is my tribe, had the presidency at the trial of the generals who had not taken up the bodies of the slain after the battle of Arginusae; and you proposed to try them in a body, contrary

as you all thought afterwards; but at the time I was the only Prytaner who was opposed to the illegality, and I gave my vote for you; and when the orators threatened to impeach and arrest me, I called and shouted, I made up my mind that I would run the risk of law and justice with me, rather than take part in your injustice. I feared imprisonment and death. This happened in the days of the democracy. But when the oligarchy of the Thirty was in power, they led me and four others into the rotunda, and bade us bring Leon Salaminian from Salamis, as they wanted to put him to death. This was a specimen of the sort of commands which they were always giving us, the view of implicating as many as possible in their crimes; and we showed, not in word only but in deed, that, if I may be allowed to use such an expression, I cared not a straw for death, and that my only care was lest I should do an unrighteous or unholy thing. The strong arm of that oppressive power did not frighten me into wrong; and when we came out of the rotunda the other four went to Salamis and fetched Leon, but I went quietly home. For which I have lost my life, had not the power of the Thirty shortly afterwards come to an end. And many will witness to my words.

Now do you really imagine that I could have survived all these things if I had led a public life, supposing that like a good man I had maintained the right and had made justice, as I ought, the first man? No indeed, men of Athens, neither I nor any other man. But I have always been the same in all my actions, public as well as private, and have I yielded any base compliance to those who are slanderously called my disciples, or to any other. Not that I have any regular disciples. But if any one likes to come and hear me while I am pursuing my way, whether he be young or old, he is not excluded. Nor do I converse with those who pay; but any one, whether he be rich or poor, may answer me and listen to my words; and whether he turns out to be a bad man or a good one, neither result can be justly imputed to me; I never taught or professed to teach him anything. And if any one says that he has ever learned or heard anything from me in private which the world has not heard, let me tell you that he is lying.

But I shall be asked, Why do people delight in continually conv with you? I have told you already, Athenians, the whole truth a matter: they like to hear the cross-examination of the pretende wisdom; there is amusement in it. Now this duty of cross-examin men has been imposed upon me by God; and has been signified to oracles, visions, and in every way in which the will of divine ever intimated to any one. This is true, O Athenians, or, if no would be soon refuted. If I am or have been corrupting the yout of them who are now grown up and have become sensible that I ga bad advice in the days of their youth should come forward as ac and take their revenge; or if they do not like to come themselv of their relatives, fathers, brothers, or other kinsmen, should evil their families have suffered at my hands. Now is their tim of them I see in the court. There is Crito, who is of the same of the same deme with myself, and there is Critobulus his son, also see. Then again there is Lysanias of Sphettus, who is the Aeschines--he is present; and also there is Antiphon of Cephisu the father of Epigenes; and there are the brothers of several w associated with me. There is Nicostratus the son of Theosdotide the brother of Theodotus (now Theodotus himself is dead, and th he, at any rate, will not seek to stop him); and there is Paral son of Demodocus, who had a brother Theages; and Adeimantus the Ariston, whose brother Plato is present; and Aeantodorus, who i brother of Apollodorus, whom I also see. I might mention a grea others, some of whom Meletus should have produced as witnesses the course of his speech; and let him still produce them, if he forgotten--I will make way for him. And let him say, if he has testimony of the sort which he can produce. Nay, Athenians, the opposite is the truth. For all these are ready to witness on be the corrupter, of the injurer of their kindred, as Meletus and call me; not the corrupted youth only--there might have been a for that--but their uncorrupted elder relatives. Why should the support me with their testimony? Why, indeed, except for the sa truth and justice, and because they know that I am speaking the

and that Meletus is a liar.

Well, Athenians, this and the like of this is all the defence we have to offer. Yet a word more. Perhaps there may be some one who is offended at me, when he calls to mind how he himself on a similar even a less serious occasion, prayed and entreated the judges with tears, and how he produced his children in court, which was a magnificent spectacle, together with a host of relations and friends; whereas those who am probably in danger of my life, will do none of these things. This contrast may occur to his mind, and he may be set against me, and may be in anger because he is displeased at me on this account. Now if there were to be such a person among you,--mind, I do not say that there is,--he may fairly reply: My friend, I am a man, and like other men, am made of flesh and blood, and not 'of wood or stone,' as Homer says; I have a family, yes, and sons, O Athenians, three in number, one man, and two others who are still young; and yet I will not bring them hither in order to petition you for an acquittal. And why should I do so from any self-assertion or want of respect for you. Whether I am not afraid of death is another question, of which I will not now speak. But, having regard to public opinion, I feel that such conduct is highly discreditable to myself, and to you, and to the whole state. One who has reached my years, and who has a name for wisdom, ought not to be ashamed of himself. Whether this opinion of me be deserved or not, at any rate the world has decided that Socrates is in some way superior to other men. And if those among you who are said to be superior in wisdom and courage, and any other virtue, demean themselves in this way, their shameful is their conduct! I have seen men of reputation, when they have been condemned, behaving in the strangest manner: they seemed to think that they were going to suffer something dreadful if they died, and that they could be immortal if you only allowed them to live; and I have seen that such are a dishonour to the state, and that any stranger could have said of them that the most eminent men of Athens, to whom the Athenians themselves give honour and command, are no better than they. And I say that these things ought not to be done by those of us who have a reputation; and if they are done, you ought not to permit the

ought rather to show that you are far more disposed to condemn who gets up a doleful scene and makes the city ridiculous, than holds his peace.

But, setting aside the question of public opinion, there seems something wrong in asking a favour of a judge, and thus procuring acquittal, instead of informing and convincing him. For his duty is not to make a present of justice, but to give judgment; and he swears that he will judge according to the laws, and not according to his good pleasure; and we ought not to encourage you, nor should you yourselves to be encouraged, in this habit of perjury--there can be no piety in that. Do not then require me to do what I consider dishonourable and impious and wrong, especially now, when I am being tried for impiety on the indictment of Meletus. For if, O men of Athens, by force of persuasion and entreaty I could overpower your oath, I should be teaching you to believe that there are no gods, and if defending should simply convict myself of the charge of not believing in them. But that is not so--far otherwise. For I do believe that there are gods, and in a sense higher than that in which any of my accusers believe in them. And to you and to God I commit my cause, to be determined by you as is best for you and me.

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There are many reasons why I am not grieved, O men of Athens, at the vote of condemnation. I expected it, and am only surprised that the votes are so nearly equal; for I had thought that the majority against me would have been far larger; but now, had thirty votes gone over to the other side, I should have been acquitted. And I may say, I am glad that I have escaped Meletus. I may say more; for without the assistance of Anytus and Lycon, any one may see that he would not have had his part of the votes, as the law requires, in which case he would have incurred a fine of a thousand drachmae.

And so he proposes death as the penalty. And what shall I propose

part, O men of Athens? Clearly that which is my due. And what is that? What return shall be made to the man who has never had the wit to be idle during his whole life; but has been careless of what the man of the law for--wealth, and family interests, and military offices, and speeches at the assembly, and magistracies, and plots, and parties. Reflect on me. I was really too honest a man to be a politician and live, I did not know where I could do no good to you or to myself; but where I could do the greatest good privately to every one of you, thither I went, and I tried to persuade every man among you that he must look to himself, and to virtue and wisdom before he looks to his private interests, and to the state before he looks to the interests of the state; and that that should be the order which he observes in all his actions. What has been done to such an one? Doubtless some good thing, O men of Athens. He has his reward; and the good should be of a kind suitable to him. It would be a reward suitable to a poor man who is your benefactor, and who desires leisure that he may instruct you? There can be no reward more fitting as maintenance in the Prytaneum, O men of Athens, a reward which he deserves far more than the citizen who has won the prize at the race in the horse or chariot race, whether the chariots were drawn by few horses or by many. For I am in want, and he has enough; and he gives you the appearance of happiness, and I give you the reality. If I am to estimate the penalty fairly, I should say that maintenance in the Prytaneum is the just return.

Perhaps you think that I am braving you in what I am saying now, and what I said before about the tears and prayers. But this is not so. I speak rather because I am convinced that I never intentionally wronged any one, although I cannot convince you--the time has been too short. There were a law at Athens, as there is in other cities, that a man in a cause should not be decided in one day, then I believe that I should have convinced you. But I cannot in a moment refute great slander, as I am convinced that I never wronged another, I will assuredly not wrong myself. I will not say of myself that I deserve any evil, and I propose no penalty. Why should I? because I am afraid of the penalty of death which Meletus proposes? When I do not know whether death

or an evil, why should I propose a penalty which would certainly be an evil? Shall I say imprisonment? And why should I live in prison, the slave of the magistrates of the year--of the Eleven? Or shall the penalty be a fine, and imprisonment until the fine is paid? The same objection. I should have to lie in prison, for money I have and cannot pay. And if I say exile (and this may possibly be the one which you will affix), I must indeed be blinded by the love of life. I am so irrational as to expect that when you, who are my own countrymen, cannot endure my discourses and words, and have found them so gross and odious that you will have no more of them, others are likely to endure me. No indeed, men of Athens, that is not very likely. A life such as a life should I lead, at my age, wandering from city to city, exchanging my place of exile, and always being driven out! For I am sure that wherever I go, there, as here, the young men will flock to me; and if I drive them away, their elders will drive me out at their request; and if I let them come, their fathers and friends will drive me out for their sakes.

Some one will say: Yes, Socrates, but cannot you hold your tongue? then you may go into a foreign city, and no one will interfere with you. Now I have great difficulty in making you understand my answer. For if I tell you that to do as you say would be a disobedience to God, and therefore that I cannot hold my tongue, you will not believe that I am serious; and if I say again that daily to discourse about virtue, and of those other things about which you hear me examine myself and others, is the greatest good of man, and that the unexamined life is not worth living, you are still less likely to believe me. I say what is true, although a thing of which it is hard for me to persuade you. Also, I have never been accustomed to think that I should suffer any harm. Had I money I might have estimated the offer of what I was able to pay, and not have been much the worse. But I have none, and therefore I must ask you to proportion the fine to my means. Well, perhaps I could afford a mina, and therefore I propose that as the penalty: Plato, Crito, Critobulus, and Apollodorus, my friends, will let me say thirty minae, and they will be the sureties. Let thirty

the penalty; for which sum they will be ample security to you.

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Not much time will be gained, O Athenians, in return for the evil which you will get from the detractors of the city, who will say you killed Socrates, a wise man; for they will call me wise, even although I am not wise, when they want to reproach you. If you had waited a little while, your desire would have been fulfilled in the course of nature. For I am far advanced in years, as you may perceive and not far from death. I am speaking now not to all of you, but to those who have condemned me to death. And I have another thing to say to them: you think that I was convicted because I had no words of defence which would have procured my acquittal--I mean, if I had thought I should leave nothing undone or unsaid. Not so; the deficiency which led to my conviction was not of words--certainly not. But I had not the boldness or impudence or inclination to address you as you would have liked me to do, weeping and wailing and lamenting, and saying and doing many things which you have been accustomed to hear from others, and which, I think, I should maintain, are unworthy of me. I thought at the time that I ought not to do anything common or mean when in danger: nor do I now repent of my style of my defence; I would rather die having spoken after my manner than speak in your manner and live. For neither in war nor yet in peace ought I or any man to use every way of escaping death. Often in war there can be no doubt that if a man will throw away his arms, and lie on his knees before his pursuers, he may escape death; and in other dangers there are other ways of escaping death, if a man is willing to say and do anything. The difficulty, my friends, is not to avoid death but to avoid unrighteousness; for that runs faster than death. I would rather die and move slowly, and the slower runner has overtaken me, and my friends are keen and quick, and the faster runner, who is unrighteousness, has overtaken them. And now I depart hence condemned by you to suffer the penalty of death,--they too go their ways condemned by the truth to suffer the penalty of villainy and wrong; and I must abide by my award--let them abide by theirs. I suppose that these things may

regarded as fated,--and I think that they are well.

And now, O men who have condemned me, I would fain prophesy to you for I am about to die, and in the hour of death men are gifted with prophetic power. And I prophesy to you who are my murderers, that immediately after my departure punishment far heavier than you have inflicted on me will surely await you. Me you have killed because I wanted to escape the accuser, and not to give an account of you. But that will not be as you suppose: far otherwise. For I say to you that there will be more accusers of you than there are now; accusers whom I have hitherto restrained: and as they are younger they will be more inconsiderate with you, and you will be more offended at them. You think that by killing men you can prevent some one from censuring your evil lives, you are mistaken; that is not a way of escape which is either possible or honourable; the easiest and the noblest way of escape is to be disabling others, but to be improving yourselves. This is the prophecy which I utter before my departure to the judges who have condemned me.

Friends, who would have acquitted me, I would like also to talk to you about the thing which has come to pass, while the magistrates are absent and before I go to the place at which I must die. Stay then a little while for we may as well talk with one another while there is time. You are my friends, and I should like to show you the meaning of this even which has happened to me. O my judges--for you I may truly call judges--you should like to tell you of a wonderful circumstance. Hitherto the faculty of which the internal oracle is the source has constantly been in the habit of opposing me even about trifles, if I was going to do a slip or error in any matter; and now as you see there has come to pass that which may be thought, and is generally believed to be, the worst evil. But the oracle made no sign of opposition, either when I was leaving my house in the morning, or when I was on my way to the court, or while I was speaking, at anything which I was going to say; and I have often been stopped in the middle of a speech, but now in my trial I either said or did touching the matter in hand has the oracle

me. What do I take to be the explanation of this silence? I will tell you. It is an intimation that what has happened to me is a good, and that those of us who think that death is an evil are in error. The customary sign would surely have opposed me had I been going to my death, and not to good.

Let us reflect in another way, and we shall see that there is good reason to hope that death is a good; for one of two things--either death is a state of nothingness and utter unconsciousness, or, as men say, there is a change and migration of the soul from this world to another. Now if you suppose that there is no consciousness, but a sleep, the sleep of him who is undisturbed even by dreams, death will be an unspeakable gain. For if a person were to select the night in which his sleep was undisturbed even by dreams, and were to compare with his other days and nights of his life, and then were to tell us how he would pass his days and nights he had passed in the course of his life better than this one, I think that any man, I will not say a private man, but even the great king will not find many such days or nights when compared with the others. Now if death be of such a nature that to die is gain; for eternity is then only a single night. If death is the journey to another place, and there, as men say, the dead abide, what good, O my friends and judges, can be greater than this? If indeed when the pilgrim arrives in the world below, he is delivered from the professors of justice in this world, and finds true judges who are said to give judgment there, Minos and Rhadamanthus and Aeacus and Triptolemus, and other sons of God who were righteous in their own life, that pilgrimage will be worth making. What would any man give if he might converse with Orpheus and Musaeus and Hesiod and Homer? Nay, if this be true, let me die again and again. I myself shall have a wonderful interest in there meeting and conversing with Palamedes, and Ajax the son of Telamon, and any other ancient heroes who have suffered death through an unjust judgment; and there will be a small pleasure, as I think, in comparing my own sufferings with theirs. Above all, I shall then be able to continue my search into true and false knowledge; as in this world, so also in the next; and I shall

out who is wise, and who pretends to be wise, and is not. What not a man give, O judges, to be able to examine the leader of the Trojan expedition; or Odysseus or Sisyphus, or numberless others and women too! What infinite delight would there be in conversing with them and asking them questions! In another world they do not put to death for asking questions: assuredly not. For besides being wiser than we are, they will be immortal, if what is said is true.

Wherefore, O judges, be of good cheer about death, and know of this with certainty, that no evil can happen to a good man, either in life or after death. He and his are not neglected by the gods; nor has any ill or approaching end happened by mere chance. But I see clearly that the time had arrived when it was better for me to die and be released from this trouble; wherefore the oracle gave no sign. For which reason, am I not angry with my condemners, or with my accusers; they have done me no harm, although they did not mean to do me any good; and for this I will gently blame them.

Still I have a favour to ask of them. When my sons are grown up, I would ask you, O my friends, to punish them; and I would have you trouble them, as I have troubled you, if they seem to care about riches and anything, more than about virtue; or if they pretend to be something when they are really nothing,--then reprove them, as I have reproved you, for not caring about that for which they ought to care, and for thinking that they are something when they are really nothing. If you do this, both I and my sons will have received justice at your hands.

The hour of departure has arrived, and we go our ways--I to die and you to live. Which is better God only knows.

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Produced by Sue Asscher

## APOLOGY

By Plato

Translated by Benjamin Jowett

### INTRODUCTION.

In what relation the Apology of Plato stands to the real defence of Socrates, there are no means of determining. It certainly agrees in tone and character with the description of Xenophon, who says in the *Memorabilia* that Socrates might have been acquitted 'if in any degree he would have conciliated the favour of the dicasts;' and he informs us in another passage, on the testimony of Hermogenes, a friend of Socrates, that he had no wish to live; and that the dicast sign refused to allow him to prepare a defence, and also that Socrates himself declared this to be unnecessary, on the ground that all the long he had been preparing against that hour. For the speech breathes throughout a spirit of defiance, (*ut non supplex aut reus sed miles aut dominus videretur esse iudicium*', Cic. *de Orat.*); and the lofty and desultory style is an imitation of the 'accustomed manner' in which Socrates spoke in 'the agora and among the tables of the money-changers.' The allusion in the *Crito* may, perhaps, be added as further evidence of the literal accuracy of some parts. But in the main it must be regarded as the ideal of Socrates, according to the conception of him, appearing in the greatest and most public scene of his life, and in the height of his triumph, when he is weakest, and his mastery over mankind is greatest, and his habitual irony acquires a new meaning and a sort of tragic pathos in the face of death. The events of his life are summed up, and the features of his character are

out as if by accident in the course of the defence. The conversational manner, the seeming want of arrangement, the ironical simplicity found to result in a perfect work of art, which is the portrait of Socrates.

Yet some of the topics may have been actually used by Socrates; the recollection of his very words may have rung in the ears of the disciple. The Apology of Plato may be compared generally with the speeches of Thucydides in which he has embodied his conception of the lofty character and policy of the great Pericles, and which at the same time furnish a commentary on the situation of affairs from the view of the historian. So in the Apology there is an ideal rather than a literal truth; much is said which was not said, and is only Plato's view of the situation. Plato was not, like Xenophon, a chronicler of events; he does not appear in any of his writings to have aimed at literal accuracy. He is not therefore to be supplemented from the Memorabilia and Symposium of Xenophon, who belongs to an entirely different class of writers. The Apology of Plato is not the report of what Socrates actually said, but an elaborate composition, quite as much so in fact as one of his Dialogues. And we may perhaps even indulge in the fancy that the defence of Socrates was as much greater than the Platonic defence as the master was greater than the disciple. But in any case, some of the topics used by him must have been remembered, and some of the facts related must have actually occurred. It is significant that Plato is said to have been present at the defence (Apol.), as he is also said to have been absent at the last scene in the Phaedo. Is it fanciful to suppose that he meant to give the stamp of authenticity to the one and not the other?--especially when we consider that these two passages are the only ones in which Plato makes mention of himself. The circumstance that Plato was to be one of his sureties for the payment of the fine proposed has the appearance of truth. More suspicious is the story that Socrates received the first impulse to his favourite calling from the cross-examining the world from the Oracle of Delphi; for he must have been famous before Chaerephon went to consult the Oracle (Phaedo) and the story is of a kind which is very likely to have been in

On the whole we arrive at the conclusion that the Apology is true to the character of Socrates, but we cannot show that any single sentence was actually spoken by him. It breathes the spirit of Socrates, but has been cast anew in the mould of Plato.

There is not much in the other Dialogues which can be compared to the Apology. The same recollection of his master may have been present in the mind of Plato when depicting the sufferings of the Just Man in the Republic. The Crito may also be regarded as a sort of appendage to the Apology, in which Socrates, who has defied the judges, is never represented as scrupulously obedient to the laws. The idealization of the sufferer is carried still further in the Gorgias, in which the thesis is maintained, that 'to suffer is better than to do evil.' In the art of rhetoric is described as only useful for the purpose of self-accusation. The parallelisms which occur in the so-called Memorabilia of Xenophon are not worth noticing, because the writing in which they are contained is manifestly spurious. The statements of the Memorabilia respecting the trial and death of Socrates agree generally with those of the Apology, but they have lost the flavour of Socratic irony in the narrative of Xenophon.

The Apology or Platonic defence of Socrates is divided into three parts: 1st. The defence properly so called; 2nd. The shorter address for the mitigation of the penalty; 3rd. The last words of prophetic rebuke and exhortation.

The first part commences with an apology for his colloquial style. He is, as he has always been, the enemy of rhetoric, and knows no rhetoric but truth; he will not falsify his character by making a fine speech. Then he proceeds to divide his accusers into two classes: first, there is the nameless accuser--public opinion. All the world from his earliest years had heard that he was a corrupter of youth, and he is caricatured in the Clouds of Aristophanes. Secondly, there are the professed accusers, who are but the mouth-piece of the other class. The accusations of both might be summed up in a formula. The first

'Socrates is an evil-doer and a curious person, searching into  
under the earth and above the heaven; and making the worse appear  
better cause, and teaching all this to others.' The second, 'So  
an evil-doer and corrupter of the youth, who does not receive t  
whom the state receives, but introduces other new divinities.'  
last words appear to have been the actual indictment (compare X  
Mem.); and the previous formula, which is a summary of public o  
assumes the same legal style.

The answer begins by clearing up a confusion. In the representa  
of the Comic poets, and in the opinion of the multitude, he had  
identified with the teachers of physical science and with the S  
But this was an error. For both of them he professes a respect  
open court, which contrasts with his manner of speaking about t  
other places. (Compare for Anaxagoras, Phaedo, Laws; for the So  
Meno, Republic, Tim., Theaet., Soph., etc.) But at the same tim  
he shows that he is not one of them. Of natural philosophy he k  
nothing; not that he despises such pursuits, but the fact is th  
ignorant of them, and never says a word about them. Nor is he p  
giving instruction--that is another mistaken notion:--he has no  
teach. But he commends Evenus for teaching virtue at such a 'mo  
rate as five minae. Something of the 'accustomed irony,' which  
perhaps be expected to sleep in the ear of the multitude, is lu  
here.

He then goes on to explain the reason why he is in such an evil  
That had arisen out of a peculiar mission which he had taken up  
himself. The enthusiastic Chaerephon (probably in anticipation  
answer which he received) had gone to Delphi and asked the orac  
there was any man wiser than Socrates; and the answer was, that  
was no man wiser. What could be the meaning of this--that he wh  
nothing, and knew that he knew nothing, should be declared by t  
to be the wisest of men? Reflecting upon the answer, he determi  
refute it by finding 'a wiser;' and first he went to the politi  
and then to the poets, and then to the craftsmen, but always wi

same result--he found that they knew nothing, or hardly anything than himself; and that the little advantage which in some cases possessed was more than counter-balanced by their conceit of knowledge. He knew nothing, and knew that he knew nothing: they knew little, and imagined that they knew all things. Thus he had passed his life as a sort of missionary in detecting the pretended wisdom of mankind; and this occupation had quite absorbed him and taken him away both from public and private affairs. Young men of the richer sort made a pastime of the same pursuit, 'which was not unamusing.' Bitter enmities had arisen; the professors of knowledge had reviled themselves by calling him a villainous corrupter of youth, and were repeating the commonplaces about atheism and materialism and so forth which are the stock-accusations against all philosophers when they know nothing else to be said of them.

The second accusation he meets by interrogating Meletus, who is ignorant and can be interrogated. 'If he is the corrupter, who is the improver of the citizens?' (Compare Meno.) 'All men everywhere.' But how absurd and contrary to analogy is this! How inconceivable too, that he should make the citizens worse when he has to live with them. This surely could not be intentional; and if unintentional, he ought to have been instructed by Meletus, and not accused in the court.

But there is another part of the indictment which says that he has persuaded the men not to receive the gods whom the city receives, and has other gods. 'Is that the way in which he is supposed to corrupt the youth?' 'Yes, it is.' 'Has he only new gods, or none at all?' 'None at all.' 'What, not even the sun and moon?' 'No; why, he says that the sun is fire, the stone, and the moon earth.' That, replies Socrates, is the old story about Anaxagoras; the Athenian people are not so ignorant as to be persuaded to attribute to the influence of Socrates notions which have found their way into the drama, and may be learned at the theatre. So Socrates undertakes to show that Meletus (rather unjustifiably) has been guilty of compounding a riddle in this part of the indictment: 'There are no gods, but Socrates believes in the existence of the sons of gods, which

absurd.'

Leaving Meletus, who has had enough words spent upon him, he re-  
the original accusation. The question may be asked, Why will he  
in following a profession which leads him to death? Why?--because  
must remain at his post where the god has placed him, as he rem  
at Potidaea, and Amphipolis, and Delium, where the generals pla  
Besides, he is not so overwise as to imagine that he knows whet  
is a good or an evil; and he is certain that desertion of his d  
an evil. Anytus is quite right in saying that they should never  
indicted him if they meant to let him go. For he will certainly  
rather than man; and will continue to preach to all men of all  
necessity of virtue and improvement; and if they refuse to list  
he will still persevere and reprove them. This is his way of co  
the youth, which he will not cease to follow in obedience to th  
even if a thousand deaths await him.

He is desirous that they should let him live--not for his own s  
for theirs; because he is their heaven-sent friend (and they wi  
have such another), or, as he may be ludicrously described, he  
gadfly who stirs the generous steed into motion. Why then has h  
taken part in public affairs? Because the familiar divine voice  
hindered him; if he had been a public man, and had fought for t  
as he would certainly have fought against the many, he would no  
lived, and could therefore have done no good. Twice in public m  
he has risked his life for the sake of justice--once at the tri  
the generals; and again in resistance to the tyrannical command  
Thirty.

But, though not a public man, he has passed his days in instruc  
the citizens without fee or reward--this was his mission. Wheth  
disciples have turned out well or ill, he cannot justly be char  
the result, for he never promised to teach them anything. They  
come if they liked, and they might stay away if they liked: and  
did come, because they found an amusement in hearing the preten

wisdom detected. If they have been corrupted, their elder relatives (not themselves) might surely come into court and witness against them, and there is an opportunity still for them to appear. But their fathers and brothers all appear in court (including 'this' Plato), to witness on his behalf; and if their relatives are corrupted, at least they themselves are uncorrupted; 'and they are my witnesses. For they know that I am speaking the truth, and that Meletus is lying.'

This is about all that he has to say. He will not entreat the judge to spare his life; neither will he present a spectacle of weeping, although he, too, is not made of 'rock or oak.' Some of the judges themselves may have complied with this practice on similar occasions, and he trusts that they will not be angry with him for not following their example. But he feels that such conduct brings discredit to the name of Athens: he feels too, that the judge has sworn not to give up justice; and he cannot be guilty of the impiety of asking the judge to break his oath, when he is himself being tried for impiety.

As he expected, and probably intended, he is convicted. And now, instead of the speech, instead of being more conciliatory, becomes more lofty and commanding. Anytus proposes death as the penalty: and what counter-proposition shall he make? He, the benefactor of the Athenian people, whose whole life has been spent in doing them good, should at least have the Olympic victor's reward of maintenance in the Prytaneion. Or why should he propose any counter-penalty when he does not know whether death, which Anytus proposes, is a good or an evil? And he is certain that imprisonment is an evil, exile is an evil. Loss of property might be an evil, but then he has none to give; perhaps he can give a mina. Let that be the penalty, or, if his friends wish, thirty minas for which they will be excellent securities.

(He is condemned to death.)

He is an old man already, and the Athenians will gain nothing but disgrace by depriving him of a few years of life. Perhaps he could

escaped, if he had chosen to throw down his arms and entreat for his life. But he does not at all repent of the manner of his defence; he would rather die in his own fashion than live in theirs. For the penalty of unrighteousness is swifter than death; that penalty has already overtaken his accusers as death will soon overtake him.

And now, as one who is about to die, he will prophesy to them. He will put him to death in order to escape the necessity of giving an account of their lives. But his death 'will be the seed' of many disciples; it will convince them of their evil ways, and will come forth to rebuke them in harsher terms, because they are younger and more inconstant.

He would like to say a few words, while there is time, to those who would have acquitted him. He wishes them to know that the divine voice never interrupted him in the course of his defence; the reason, as he conjectures, is that the death to which he is going is a good one, not an evil. For either death is a long sleep, the best of sleeps, or a journey to another world in which the souls of the dead are gathered together, and in which there may be a hope of seeing the heroes of old--in which, too, there are just judges; and as all are immortal, there can be no fear of any one suffering death for his opinion.

Nothing evil can happen to the good man either in life or death. His own death has been permitted by the gods, because it was better for him to depart; and therefore he forgives his judges because they have done him no harm, although they never meant to do him any good.

He has a last request to make to them--that they will trouble him no more, as he has troubled them, if they appear to prefer riches to virtue; and that they will not think themselves something when they are nothing.

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'Few persons will be found to wish that Socrates should have defended himself otherwise,'--if, as we must add, his defence was that which

Plato has provided him. But leaving this question, which does not admit of a precise solution, we may go on to ask what was the impression Plato in the Apology intended to give of the character and conduct of his master in the last great scene? Did he intend to represent Socrates as employing sophistries; (2) as designedly irritating the judges; or are these sophistries to be regarded as belonging to the age in which he lived and to his personal character, and this apparent haughtiness flowing from the natural elevation of his position?

For example, when he says that it is absurd to suppose that one man could corrupt the corrupter and all the rest of the world the improvers of the world; or, when he argues that he never could have corrupted the men with whom he had to live; or, when he proves his belief in the gods because he believes in the sons of gods, is he serious or jesting? It may be observed that these sophisms all occur in his cross-examination of Meletus, who is easily foiled and mastered in the hands of the Socratic dialectician. Perhaps he regarded these answers as good enough for an accuser, of whom he makes very light. Also there is a touch of irony in them, which takes them out of the category of sophistry. (Compare Euthyph.)

That the manner in which he defends himself about the lives of his disciples is not satisfactory, can hardly be denied. Fresh in the memory of the Athenians, and detestable as they deserved to be to the restored democracy, were the names of Alcibiades, Critias, Charmides. It is obviously not a sufficient answer that Socrates had never promised to teach them anything, and is therefore not justly chargeable with their crimes. Yet the defence, when taken out of this ironical form, is doubtless sound: that his teaching had nothing to do with their lives. Here, then, the sophistry is rather in form than in substance, though we might desire that to such a serious charge Socrates had given a more serious answer.

Truly characteristic of Socrates is another point in his answer to the charge that he was a sophist. It may also be regarded as sophistical. He says that 'if he has committed

the youth, he must have corrupted them involuntarily.' But if, Socrates argues, all evil is involuntary, then all criminals would be admonished and not punished. In these words the Socratic doctrine of the involuntariness of evil is clearly intended to be conveyed. Here again, as in the former instance, the defence of Socrates is not practically, but may be true in some ideal or transcendental sense. A commonplace reply, that if he had been guilty of corrupting the youth, their relations would surely have witnessed against him, with which Socrates concludes this part of his defence, is more satisfactory.

Again, when Socrates argues that he must believe in the gods because he believes in the sons of gods, we must remember that this is a modification, not of the original indictment, which is consistent enough--'Socrates does not receive the gods whom the city receives, and has other gods and divinities'--but of the interpretation put upon the words by Meletus, who has affirmed that he is a downright atheist. To this Socrates answers, in accordance with the ideas of the time, that a downright atheist cannot believe in the sons of gods or in divine things. The notion that demons or lesser divinities are the sons of gods is to be regarded as ironical or sceptical. He is arguing 'ad hominem' according to the notions of mythology current in his age. Yet he abstains from saying that he believed in the gods whom the State approved. He does not defend himself, as Xenophon has defended him, by appealing to his practice of religion. Probably he neither wholly believed, nor disbelieved, in the existence of the popular gods whom he had no means of knowing about them. According to Plato (compare *Symp.*), as well as Xenophon (*Memor.*), he was punctual in the performance of the least religious duties; and he must have believed in his oracular sign, of which he seemed to have an internal witness. He did not disbelieve in the existence of Apollo or Zeus, or the other gods whom the State approved, would have appeared to him both uncertain and unimportant in connection with the duty of self-examination, and of those principles of truth and right which he deemed to be the foundation of religion. (*Co.* *Phaedr.*; *Euthyph.*; *Republic.*)

The second question, whether Plato meant to represent Socrates braving or irritating his judges, must also be answered in the affirmative. His irony, his superiority, his audacity, 'regarding not the person, but the man,' necessarily flow out of the loftiness of his situation. He is acting a part upon a great occasion, but he is what he has been all his life long, 'a king of men.' He would rather not appear insolent than he could avoid it (ouch os authadizomenos touto lego). Neither is he desirous of hastening his own end, for life and death are so indifferent to him. But such a defence as would be acceptable to his judges and might procure an acquittal, it is not in his nature to make. He will not say or do anything that might pervert the course of justice; he cannot have his tongue bound even 'in the throat of death.' In his dealings with his accusers he will only fence and play, as he had fenced with the 'improvers of youth,' answering the Sophist according to his own manner all his life long. He is serious when he is speaking of his own mission, which seems to distinguish him from all other reformers of mankind; it originates in an accident. The dedication of himself to the improvement of his fellow-citizens is not so remarkable as the ironical spirit which he goes about doing good only in vindication of the credit of the oracle, and in the vain hope of finding a wiser man than himself. It is this singular and almost accidental character of his mission which gives to the divine sign which, according to our notions, is equally accidental and irrational, and is nevertheless accepted by him as the guiding principle of his life. Socrates is nowhere represented to us as a freethinker or sceptic. There is no reason to doubt his sincerity; he speculates on the possibility of seeing and knowing the hero of the Trojan war in another world. On the other hand, his hope of immortality is uncertain;--he also conceives of death as a long sleep (in this respect differing from the Phaedo), and at last falls back upon resignation to the divine will, and the certainty that no evil can happen to the good man either in life or death. His absolute truthfulness seems to hinder him from asserting positively more than he knows; this; and he makes no attempt to veil his ignorance in mythological figures of speech. The gentleness of the first part of the speech contrasts with the aggravated, almost threatening, tone of the

conclusion. He characteristically remarks that he will not speak like a rhetorician, that is to say, he will not make a regular defence. Lysias or one of the orators might have composed for him, or, according to some accounts, did compose for him. But he first procures his hearing by conciliatory words. He does not attack the Sophists; they were open to the same charges as himself; they were equally ridiculed by the Comic poets, and almost equally hateful to Anytus and Meletus. Incidentally the antagonism between Socrates and the Sophists is shown to appear. He is poor and they are rich; his profession that he knows nothing is opposed to their readiness to teach all things; his presence in the marketplace to their private instructions; his tarry-about to their wandering from city to city. The tone which he assumes towards them is one of real friendliness, but also of concealed irony. Anaxagoras, who had disappointed him in his hopes of learning about the sky and nature, he shows a less kindly feeling, which is also the feeling of Plato in other passages (Laws). But Anaxagoras had been dead many years, and was beyond the reach of persecution.

It has been remarked that the prophecy of a new generation of philosophers who would rebuke and exhort the Athenian people in harsher and more violent terms was, as far as we know, never fulfilled. No inference can be drawn from this circumstance as to the probability of the words attributed to him having been actually uttered. They express the aspiration of the first martyr of philosophy, that he would lead with him many followers, accompanied by the not unnatural feeling that they would be fiercer and more inconsiderate in their words when emancipated from his control.

The above remarks must be understood as applying with any degree of certainty to the Platonic Socrates only. For, although these oratorical words may have been spoken by Socrates himself, we cannot exclude the possibility, that like so much else, e.g. the wisdom of Critias in the poem of Solon, the virtues of Charmides, they may have been due to the imagination of Plato. The arguments of those who maintain that the Apology was composed during the process, resting on no evidence

require a serious refutation. Nor are the reasonings of Schleiermacher who argues that the Platonic defence is an exact or nearly exact reproduction of the words of Socrates, partly because Plato would have been guilty of the impiety of altering them, and also because the points of the defence might have been improved and strengthened to be more conclusive. (See English Translation.) What effect the death of Socrates produced on the mind of Plato, we cannot certainly determine; nor can we say how he would or must have written under such circumstances. We observe that the enmity of Aristophanes to Socrates does not prevent Plato from introducing them together in the *Symposium* engaged in friendly intercourse. Nor is there any trace in the *Republic* of an attempt to make Anytus or Meletus personally odious in the eyes of the Athenian public.

## APOLOGY

How you, O Athenians, have been affected by my accusers, I cannot say; but I know that they almost made me forget who I was--so persuasive were they in what they did speak; and yet they have hardly uttered a word of truth. Of the many falsehoods told by them, there was one which quite affected me;--I mean when they said that you should be upon your guard against allowing yourselves to be deceived by the force of my eloquence. That is, this, when they were certain to be detected as soon as I opened my mouth and proved myself to be anything but a great speaker, did indeed do me most shameless--unless by the force of eloquence they meant the force of truth; for it such is their meaning, I admit that I was not so eloquent. But in how different a way from theirs! Well, as I was told they have scarcely spoken the truth at all; but from me you shall hear the whole truth: not, however, delivered after their manner in an oration duly ornamented with words and phrases. No, by heaven! I shall use the words and arguments which occur to me at the moment.

I am confident in the justice of my cause (Or, I am certain that I am right in taking this course.): at my time of life I ought not to be appearing before you, O men of Athens, in the character of a juror--let no one expect it of me. And I must beg of you to grant me a favour:--If I defend myself in my accustomed manner, and you do not use the words which I have been in the habit of using in the law-courts, the tables of the money-changers, or anywhere else, I would ask you not to be surprised, and not to interrupt me on this account. For I am more than seventy years of age, and appearing now for the first time in a court of law, I am quite a stranger to the language of the law; and therefore I would have you regard me as if I were really a stranger, to whom you would excuse if he spoke in his native tongue, and after the fashion of his country:--Am I making an unfair request of you? Do not mind the manner, which may or may not be good; but think only of the truth of my words, and give heed to that: let the speaker speak, and the judge decide justly.

And first, I have to reply to the older charges and to my first accusers, and then I will go on to the later ones. For of old I have many accusers, who have accused me falsely to you during many years, and I am more afraid of them than of Anytus and his associates, who are dangerous, too, in their own way. But far more dangerous are those who began when you were children, and took possession of your minds with their falsehoods, telling of one Socrates, a wise man, who speculated about the heaven above, and searched into the earth beneath, and that the worse appear the better cause. The disseminators of this tale are the accusers whom I dread; for their hearers are apt to fancy that the enquirers do not believe in the existence of the gods. And they are many, and their charges against me are of ancient date, and they were made by them in the days when you were more impressible than you are now--in childhood, or it may have been in youth--and the cause was heard went by default, for there was none to answer. And hardest of all I do not know and cannot tell the names of my accusers; unless by the chance case of a Comic poet. All who from envy and malice have accused you--some of them having first convinced themselves--all this

men are most difficult to deal with; for I cannot have them up and cross-examine them, and therefore I must simply fight with shadow and my own defence, and argue when there is no one who answers. I will then to assume with me, as I was saying, that my opponents are of two kinds; one recent, the other ancient: and I hope that you will excuse the impropriety of my answering the latter first, for these accusations have been heard long before the others, and much oftener.

Well, then, I must make my defence, and endeavour to clear away in a short time, a slander which has lasted a long time. May I succeed be for my good and yours, or likely to avail me in my case. The task is not an easy one; I quite understand the nature of it, and leaving the event with God, in obedience to the law I will now make my defence.

I will begin at the beginning, and ask what is the accusation which has given rise to the slander of me, and in fact has encouraged Meletus to prove this charge against me. Well, what do the slanderers say? They shall be my prosecutors, and I will sum up their words in an affidavit: 'Socrates is an evil-doer, and a curious person, who searches into things under the earth and in heaven, and he makes the worse appear the better cause; and he teaches the aforesaid doctrines to others.' Now, the nature of the accusation: it is just what you have yourself said in the comedy of Aristophanes (Aristoph., Clouds.), who has introduced a man whom he calls Socrates, going about and saying that he walks upon air, and talking a deal of nonsense concerning matters of which I do not pretend to know either much or little--not that I mean to speak disparagingly of any one who is a student of natural philosophy, but I should be very sorry if Meletus could bring so grave a charge against me. But the simple truth is, O Athenians, that I have nothing to say of physical speculations. Very many of those here present are witnesses of the truth of this, and to them I appeal. Speak then, you who have known me, and tell your neighbours whether any of you have ever known me to speak forth in few words or in many upon such matters...You hear their sayings. And from what they say of this part of the charge you will be able to judge.

judge of the truth of the rest.

As little foundation is there for the report that I am a teacher who takes money; this accusation has no more truth in it than the others. Although, if a man were really able to instruct mankind, to receive money for giving instruction would, in my opinion, be an honour. There is Gorgias of Leontium, and Prodicus of Ceos, and Hippias of Thracian Pontus, who go the round of the cities, and are able to persuade the young men to leave their own citizens by whom they might be taught for nothing, and come to them whom they not only pay, but are thankful if they are allowed to pay them. There is at this time a Parian philosopher, Antisthenes, in Athens, of whom I have heard; and I came to hear of him in the following way:--I came across a man who has spent a world of money on the Sophists, Callias, the son of Hipponicus, and knowing that he had a son, I asked him: 'Callias,' I said, 'if your two sons were foals or horses, there would be no difficulty in finding some one to put over them, who should hire a trainer of horses, or a farmer probably, who would train and perfect them in their own proper virtue and excellence; but these are human beings, whom are you thinking of placing over them? Is there any one who understands human and political virtue? You must have thought about the matter, for you have sons; is there any one?' 'Yes, there is,' he said. 'Who is he?' said I; 'and of what country? and what is the charge?' 'Evenus the Parian,' he replied; 'he is the man, and the charge is five minae.' Happy is Evenus, I said to myself, if he has this wisdom, and teaches at such a moderate charge. Had I known of him, I should have been very proud and conceited; but the truth is that I have no knowledge of the kind.

I dare say, Athenians, that some one among you will reply, 'Yes, Socrates, but what is the origin of these accusations which are made against you; there must have been something strange which you have been doing? All these rumours and this talk about you would never have got abroad if you had been like other men: tell us, then, what is the cause of them, for we should be sorry to judge hastily of you.' Now I receive this as a fair challenge, and I will endeavour to explain to you the

why I am called wise and have such an evil fame. Please to attend. And although some of you may think that I am joking, I declare I will tell you the entire truth. Men of Athens, this reputation has come of a certain sort of wisdom which I possess. If you ask what kind of wisdom, I reply, wisdom such as may perhaps be attained for to that extent I am inclined to believe that I am wise; whereas the persons of whom I was speaking have a superhuman wisdom which I cannot describe, because I have it not myself; and he who says that I speak falsely, and is taking away my character. And here, O men of Athens, I must beg you not to interrupt me, even if I seem to say something extravagant. For the word which I will speak is not mine; I will refer you to a witness who is worthy of credit; that witness will be the God of Delphi--he will tell you about my wisdom, if I have any, and of what sort it is. You must have known Chaerephon; he was a friend of mine, and also a friend of yours, for he shared in the exile of the people, and returned with you. Well, Chaerephon, as I know, was very impetuous in all his doings, and he went to Delphi and boldly asked the oracle to tell him whether--as I was saying, I beg you not to interrupt--he asked the oracle to tell him whether he was wiser than I was, and the Pythian prophetess answered, that the man wiser. Chaerephon is dead himself; but his brother, who is still alive, will confirm the truth of what I am saying.

Why do I mention this? Because I am going to explain to you why I have such an evil name. When I heard the answer, I said to myself, What does the god mean? and what is the interpretation of his riddle? for he says that I have no wisdom, small or great. What then can he mean when he says that I am the wisest of men? And yet he is a god, and cannot be mistaken; that would be against his nature. After long consideration, I thought of a method of trying the question. I reflected that if I could only find a man wiser than myself, then I might go to the god with a refutation in my hand. I should say to him, 'Here is a man who is wiser than I am; you said that I was the wisest.' Accordingly I went to one who had the reputation of wisdom, and observed him--his name I need not mention; he was a politician whom I selected for examination--and the result

follows: When I began to talk with him, I could not help thinking he was not really wise, although he was thought wise by many, and still wiser by himself; and thereupon I tried to explain to him that he thought himself wise, but was not really wise; and the consequence was that he hated me, and his enmity was shared by several who were his friends and heard me. So I left him, saying to myself, as I went away: although I do not suppose that either of us knows anything really beautiful and good, I am better off than he is,--for he knows nothing and thinks that he knows; I neither know nor think that I know. In the latter particular, then, I seem to have slightly the advantage of him. Then I went to another who had still higher pretensions to wisdom, and my conclusion was exactly the same. Whereupon I made another enemy of him, and of many others besides him.

Then I went to one man after another, being not unconscious of the enmity which I provoked, and I lamented and feared this: but necessity was laid upon me,--the word of God, I thought, ought to be considered first. And I said to myself, Go I must to all who appear to know, and find out the meaning of the oracle. And I swear to you, Athenians, by the dog I swear!--for I must tell you the truth--the result of my mission was just this: I found that the men most in repute were the most foolish; and that others less esteemed were really wiser and better. I will tell you the tale of my wanderings and of the 'Hesperian' labours, as I may call them, which I endured only to find at last the oracle irrefutable. After the politicians, I went to the poets; to the dithyrambic, and all sorts. And there, I said to myself, you will be instantly detected; now you will find out that you are more ignorant than they are. Accordingly, I took them some of the most elaborate passages in their own writings, and asked what was the meaning of them--thinking that they would teach me something. Will you believe me, I am almost ashamed to confess the truth, but I must say that there was hardly a person present who would not have talked better about poetry than they did themselves. Then I knew that not by wisdom do men write poetry, but by a sort of genius and inspiration; they are like diviners or soothsayers who also say many fine things, but do not

understand the meaning of them. The poets appeared to me to be in the same case; and I further observed that upon the strength of their poetry they believed themselves to be the wisest of men in other respects in which they were not wise. So I departed, conceiving myself to be superior to them for the same reason that I was superior to the politicians.

At last I went to the artisans. I was conscious that I knew not all, as I may say, and I was sure that they knew many fine things. Here I was not mistaken, for they did know many things of which I was ignorant, and in this they certainly were wiser than I was. I observed that even the good artisans fell into the same error as the poets;--because they were good workmen they thought that they were wise in all sorts of high matters, and this defect in them overshadowed their wisdom; and therefore I asked myself on behalf of the oracle, whether I would like to be as I was, neither having their knowledge nor their ignorance, or like them in both; and I made answer to myself as the oracle that I was better off as I was.

This inquisition has led to my having many enemies of the worst and most dangerous kind, and has given occasion also to many calumnies. I am called wise, for my hearers always imagine that I myself possess the wisdom which I find wanting in others: but the truth is, O Athenians, that God only is wise; and by his answer he intends to show that the wisdom of men is worth little or nothing; he is not speaking of Socrates, he is only using my name by way of illustration, as when he said, He, O men, is the wisest, who, like Socrates, knows that his wisdom is in truth worth nothing. And so I go about the world, seeking to persuade men to know the god, and search and make enquiry into the wisdom of any man whether citizen or stranger, who appears to be wise; and if he is not wise, then in vindication of the oracle I show him that he is not, and my occupation quite absorbs me, and I have no time to give any public matter of interest or to any concern of my own, but I am in utter poverty by reason of my devotion to the god.

There is another thing:--young men of the richer classes, who have much to do, come about me of their own accord; they like to hear pretenders examined, and they often imitate me, and proceed to examine others; there are plenty of persons, as they quickly discover, that they know something, but really know little or nothing; and those who are examined by them instead of being angry with them are angry with me: This confounded Socrates, they say; this vile misleader of youth!--and then if somebody asks them, Why, what do you practise or teach? they do not know, and cannot tell; but in order that they may not appear to be at a loss, they repeat the ready-made charges which are used against all philosophers about teaching up in the clouds and under the earth, and having no gods, and making the worse appear the better cause; for they do not like to confess that their pretence of knowledge has been detected--which is the truth, as they are numerous and ambitious and energetic, and are drawn into a battle array and have persuasive tongues, they have filled your ears with their loud and inveterate calumnies. And this is the reason why three accusers, Meletus and Anytus and Lycon, have set upon me; Meletus, who has a quarrel with me on behalf of the poets; Anytus, on behalf of the craftsmen and politicians; Lycon, on behalf of the rhetoricians. As I said at the beginning, I cannot expect to get rid of such a calumny all in a moment. And this, O men of Athens, is the truth, the whole truth; I have concealed nothing, I have dissembled nothing, yet, I know that my plainness of speech makes them hate me, and that their hatred but a proof that I am speaking the truth?--Hence has arisen the prejudice against me; and this is the reason of it, as you will see out either in this or in any future enquiry.

I have said enough in my defence against the first class of my accusers. I turn to the second class. They are headed by Meletus, that good and true lover of his country, as he calls himself. Against them I must try to make a defence:--Let their affidavit be read: it contains something of this kind: It says that Socrates is a doer of evil, who corrupts the youth; and who does not believe in the gods of the city, but has other new divinities of his own. Such is the charge; and

us examine the particular counts. He says that I am a doer of evil, that I corrupt the youth; but I say, O men of Athens, that Meletus is the evil, in that he pretends to be in earnest when he is only in jest. He is so eager to bring men to trial from a pretended zeal and interest about matters in which he really never had the smallest interest. As to the truth of this I will endeavour to prove to you.

Come hither, Meletus, and let me ask a question of you. You think a great deal about the improvement of youth?

Yes, I do.

Tell the judges, then, who is their improver; for you must know that I have taken the pains to discover their corrupter, and am now accusing me before them. Speak, then, and tell the judges who their improver is.--Observe, Meletus, that you are silent, and have nothing to say. But is not this rather disgraceful, and a very considerable neglect of what I was saying, that you have no interest in the matter? Speak, friend, and tell us who their improver is.

The laws.

But that, my good sir, is not my meaning. I want to know who their improver is, who, in the first place, knows the laws.

The judges, Socrates, who are present in court.

What, do you mean to say, Meletus, that they are able to instruct and improve youth?

Certainly they are.

What, all of them, or some only and not others?

All of them.

By the goddess Here, that is good news! There are plenty of impro  
then. And what do you say of the audience,--do they improve the

Yes, they do.

And the senators?

Yes, the senators improve them.

But perhaps the members of the assembly corrupt them?--or do th  
improve them?

They improve them.

Then every Athenian improves and elevates them; all with the ex  
of myself; and I alone am their corrupter? Is that what you aff

That is what I stoutly affirm.

I am very unfortunate if you are right. But suppose I ask you a  
question: How about horses? Does one man do them harm and all t  
good? Is not the exact opposite the truth? One man is able to d  
good, or at least not many;--the trainer of horses, that is to  
them good, and others who have to do with them rather injure th  
Is not that true, Meletus, of horses, or of any other animals?  
assuredly it is; whether you and Anytus say yes or no. Happy in  
would be the condition of youth if they had one corrupter only,  
all the rest of the world were their improvers. But you, Meletu  
sufficiently shown that you never had a thought about the young  
carelessness is seen in your not caring about the very things w  
bring against me.

And now, Meletus, I will ask you another question--by Zeus I wi  
Which is better, to live among bad citizens, or among good ones

friend, I say; the question is one which may be easily answered: do the good do their neighbours good, and the bad do them evil?

Certainly.

And is there anyone who would rather be injured than benefited who live with him? Answer, my good friend, the law requires you to answer--does any one like to be injured?

Certainly not.

And when you accuse me of corrupting and deteriorating the youth, do you allege that I corrupt them intentionally or unintentionally?

Intentionally, I say.

But you have just admitted that the good do their neighbours good and the evil do them evil. Now, is that a truth which your superior wisdom has recognized thus early in life, and am I, at my age, in such a state of ignorance and ignorance as not to know that if a man with whom I have to do is corrupted by me, I am very likely to be harmed by him; and yet I do harm him, and intentionally, too--so you say, although neither I nor any other human being is ever likely to be convinced by you. But either I do not corrupt them, or I corrupt them unintentionally; and on either side of the case you lie. If my offence is unintentional, the law has no cognizance of unintentional offences: you ought to have taken me aside privately, and warned and admonished me; for if I had been better advised, I should have left off doing what I only did do unintentionally--no doubt I should; but you would have nothing to say to me and refused to teach me. And now you bring me up in this court which is a place not of instruction, but of punishment.

It will be very clear to you, Athenians, as I was saying, that the law has no care at all, great or small, about the matter. But still I would like to know, Meletus, in what I am affirmed to corrupt the youth?

suppose you mean, as I infer from your indictment, that I teach to acknowledge the gods which the state acknowledges, but some divinities or spiritual agencies in their stead. These are the by which I corrupt the youth, as you say.

Yes, that I say emphatically.

Then, by the gods, Meletus, of whom we are speaking, tell me in court, in somewhat plainer terms, what you mean! for I do not understand whether you affirm that I teach other men to acknowledge some gods, and therefore that I do believe in gods, and am not an atheist--this you do not lay to my charge,--but only you say that they are not the same gods which the city recognizes--the charge is that I teach other men to believe in different gods. Or, do you mean that I am an atheist simply and a teacher of atheism?

I mean the latter--that you are a complete atheist.

What an extraordinary statement! Why do you think so, Meletus? Do you mean that I do not believe in the godhead of the sun or moon, or of the other gods? Or do you mean that I do not believe in the gods of the men?

I assure you, judges, that he does not: for he says that the sun is a stone, and the moon earth.

Friend Meletus, you think that you are accusing Anaxagoras: and that is but a bad opinion of the judges, if you fancy them illiterate to a degree as not to know that these doctrines are found in the books of Anaxagoras the Clazomenian, which are full of them. And so, for the youth are said to be taught them by Socrates, when there are so frequently exhibitions of them at the theatre (Probably in all the comedies of Aristophanes who caricatured, and to Euripides who borrowed the doctrines of Anaxagoras, as well as to other dramatic poets.) (price of a play one drachma at the most); and they might pay their money, and leave Socrates if he pretends to father these extraordinary views. An

Meletus, you really think that I do not believe in any god?

I swear by Zeus that you believe absolutely in none at all.

Nobody will believe you, Meletus, and I am pretty sure that you believe yourself. I cannot help thinking, men of Athens, that Meletus is reckless and impudent, and that he has written this indictment in the spirit of mere wantonness and youthful bravado. Has he not composed a riddle, thinking to try me? He said to himself:--I shall see whether the wise Socrates will discover my facetious contradiction, or whether I shall be able to deceive him and the rest of them. For he certainly appears to me to contradict himself in the indictment as much as I have said that Socrates is guilty of not believing in the gods, and yet believing in them--but this is not like a person who is in earnest.

I should like you, O men of Athens, to join me in examining what Meletus conceives to be his inconsistency; and do you, Meletus, answer. I must remind the audience of my request that they would not make any disturbance if I speak in my accustomed manner:

Did ever man, Meletus, believe in the existence of human things other than those of human beings?...I wish, men of Athens, that he would answer, and not be always trying to get up an interruption. Did ever any man believe in horsemanship, and not in horses? or in flute-playing, and not in flute-players? No, my friend; I will answer to you and to the court, if you refuse to answer for yourself. There is no man who ever did please to answer the next question: Can a man believe in spiritual agencies, and not in spirits or demigods?

He cannot.

How lucky I am to have extracted that answer, by the assistance of the court! But then you swear in the indictment that I teach and believe in divine or spiritual agencies (new or old, no matter for that); and yet, in fact, I believe in spiritual agencies,--so you say and swear in the indictment.

affidavit; and yet if I believe in divine beings, how can I help believing in spirits or demigods;--must I not? To be sure I must therefore I may assume that your silence gives consent. Now what spirits or demigods? Are they not either gods or the sons of gods?

Certainly they are.

But this is what I call the facetious riddle invented by you: that demigods or spirits are gods, and you say first that I do not believe in gods, and then again that I do believe in gods; that is, if I believe in demigods. For if the demigods are the illegitimate sons of gods by the nymphs or by any other mothers, of whom they are said to be the sons--what human being will ever believe that there are no gods if they are the sons of gods? You might as well affirm the existence of horses and deny that of horses and asses. Such nonsense, Meletus, could not have been intended by you to make trial of me. You have put this indictment because you had nothing real of which to accuse me; no one who has a particle of understanding will ever be convinced that the same men can believe in divine and superhuman things, and not believe that there are gods and demigods and heroes.

I have said enough in answer to the charge of Meletus: any elaborate defence is unnecessary, but I know only too well how many are the enmities which I have incurred, and this is what will be my destiny if I am destroyed;--not Meletus, nor yet Anytus, but the envy and detraction of the world, which has been the death of many good men; and will probably be the death of many more; there is no danger of the last of them.

Some one will say: And are you not ashamed, Socrates, of a course of life which is likely to bring you to an untimely end? To him I will fairly answer: There you are mistaken: a man who is good for anything ought not to calculate the chance of living or dying; he ought only to consider whether in doing anything he is doing right or wrong--and to follow that course which the part of a good man or of a bad. Whereas, upon your view, the

who fell at Troy were not good for much, and the son of Thetis all, who altogether despised danger in comparison with disgrace when he was so eager to slay Hector, his goddess mother said to that if he avenged his companion Patroclus, and slew Hector, he die himself--'Fate,' she said, in these or the like words, 'wait you next after Hector;' he, receiving this warning, utterly des danger and death, and instead of fearing them, feared rather to in dishonour, and not to avenge his friend. 'Let me die forthwi he replies, 'and be avenged of my enemy, rather than abide here beaked ships, a laughing-stock and a burden of the earth.' Had any thought of death and danger? For wherever a man's place is, the place which he has chosen or that in which he has been plac commander, there he ought to remain in the hour of danger; he s not think of death or of anything but of disgrace. And this, O Athens, is a true saying.

Strange, indeed, would be my conduct, O men of Athens, if I who was ordered by the generals whom you chose to command me at Pot and Amphipolis and Delium, remained where they placed me, like man, facing death--if now, when, as I conceive and imagine, God me to fulfil the philosopher's mission of searching into myself other men, I were to desert my post through fear of death, or a fear; that would indeed be strange, and I might justly be arrai court for denying the existence of the gods, if I disobeyed the because I was afraid of death, fancying that I was wise when I wise. For the fear of death is indeed the pretence of wisdom, a real wisdom, being a pretence of knowing the unknown; and no on whether death, which men in their fear apprehend to be the great evil, may not be the greatest good. Is not this ignorance of a disgraceful sort, the ignorance which is the conceit that a man what he does not know? And in this respect only I believe myself differ from men in general, and may perhaps claim to be wiser t they are:--that whereas I know but little of the world below, I suppose that I know: but I do know that injustice and disobedie better, whether God or man, is evil and dishonourable, and I wi

fear or avoid a possible good rather than a certain evil. And t  
if you let me go now, and are not convinced by Anytus, who said  
since I had been prosecuted I must be put to death; (or if not  
ought never to have been prosecuted at all); and that if I esca  
your sons will all be utterly ruined by listening to my words--  
say to me, Socrates, this time we will not mind Anytus, and you  
be let off, but upon one condition, that you are not to enquire  
speculate in this way any more, and that if you are caught doin  
again you shall die;--if this was the condition on which you le  
I should reply: Men of Athens, I honour and love you; but I sha  
God rather than you, and while I have life and strength I shall  
cease from the practice and teaching of philosophy, exhorting a  
one whom I meet and saying to him after my manner: You, my frie  
citizen of the great and mighty and wise city of Athens,--are y  
not ashamed of heaping up the greatest amount of money and hono  
reputation, and caring so little about wisdom and truth and the  
improvement of the soul, which you never regard or heed at all?  
the person with whom I am arguing, says: Yes, but I do care; th  
not leave him or let him go at once; but I proceed to interroga  
examine and cross-examine him, and if I think that he has no vi  
him, but only says that he has, I reproach him with undervaluin  
greater, and overvaluing the less. And I shall repeat the same  
every one whom I meet, young and old, citizen and alien, but es  
to the citizens, inasmuch as they are my brethren. For know tha  
the command of God; and I believe that no greater good has ever  
in the state than my service to the God. For I do nothing but g  
persuading you all, old and young alike, not to take thought fo  
persons or your properties, but first and chiefly to care about  
greatest improvement of the soul. I tell you that virtue is not  
by money, but that from virtue comes money and every other good  
man, public as well as private. This is my teaching, and if thi  
doctrine which corrupts the youth, I am a mischievous person. B  
any one says that this is not my teaching, he is speaking an un  
Wherefore, O men of Athens, I say to you, do as Anytus bids or  
as Anytus bids, and either acquit me or not; but whichever you

understand that I shall never alter my ways, not even if I have many times.

Men of Athens, do not interrupt, but hear me; there was an understanding between us that you should hear me to the end: I have something to say, at which you may be inclined to cry out; but I believe that what I will be good for you, and therefore I beg that you will not interrupt. I would have you know, that if you kill such an one as I am, you will injure yourselves more than you will injure me. Nothing will injure me, not Meletus nor yet Anytus--they cannot, for a bad man is not powerful to injure a better than himself. I do not deny that Anytus may, or kill him, or drive him into exile, or deprive him of civil rights, as he may imagine, and others may imagine, that he is inflicting a great injury upon him: but there I do not agree. For the evil of doing what he is doing--the evil of unjustly taking away the life of another--is a greater far.

And now, Athenians, I am not going to argue for my own sake, as you may think, but for yours, that you may not sin against the God by committing an injustice to me, who am his gift to you. For if you kill me you will not easily find a successor to me, who, if I may use such a ludicrous figure of speech, am a sort of gadfly, given to the state by God; and the state is like a horse, and noble steed who is tardy in his motions owing to his very greatness, and requires to be stirred into life. I am that gadfly which God has attached to the state, and all day long and in all places am always fastening upon you, arousing and persuading and reproaching you. You will not easily find another like me, and therefore I would advise you to spare me. I dare say that you may feel out of temper (like a horse who is suddenly awakened from sleep), and you think that you might easily strike me dead as Anytus advises, and then you would sleep for the remainder of your lives, unless God in his care of you sent another gadfly. When I say that I am given to you by God, the purpose of my mission is this:--if I had been like other men, I should not have neglected all my own concerns or patiently seen the neglect of them during all these years, and have been doing yours, coming to you

individually like a father or elder brother, exhorting you to virtue; such conduct, I say, would be unlike human nature. If I gained anything, or if my exhortations had been paid, there would be some sense in my doing so; but now, as you will perceive, the impudence of my accusers dares to say that I have ever exacted or sought pay of any one; of that they have no witness. And I have sufficient witness to the truth of what I say--my poverty.

Some one may wonder why I go about in private giving advice and busy myself with the concerns of others, but do not venture to come in public and advise the state. I will tell you why. You have heard me speak at sundry times and in divers places of an oracle or sign which comes to me, and is the divinity which Meletus ridicules in his indictment. This sign, which is a kind of voice, first began to come to me when I was a child; it always forbids but never commands me to do anything which I am going to do. This is what deters me from being a politician. And rightly, as I think. For I am certain, O men of Athens, that if I had engaged in politics, I should have perished long ago; I should have done no good either to you or to myself. And do not be offended with me for telling you the truth: for the truth is, that no man who goes to the aid of you or any other multitude, honestly striving against the lawless and unrighteous deeds which are done in a state, will survive long; he who will fight for the right, if he would live even for a short space, must have a private station and not a public one.

I can give you convincing evidence of what I say, not words only, but what you value far more--actions. Let me relate to you a passage from my own life which will prove to you that I should never have yielded to injustice from any fear of death, and that 'as I should have yielded' I must have died at once. I will tell you a tale of the trial of Antiochis, not very interesting perhaps, but nevertheless true. The only office of state which I ever held, O men of Athens, was that of senator: Antiochis, which is my tribe, had the presidency at the trial of the generals who had not taken up the bodies of the slain after the battle of Arginusae; and you proposed to try them in a body, contrary

as you all thought afterwards; but at the time I was the only Prytaner who was opposed to the illegality, and I gave my vote to you; and when the orators threatened to impeach and arrest me, I called and shouted, I made up my mind that I would run the risk of law and justice with me, rather than take part in your injustice. I feared imprisonment and death. This happened in the days of the democracy. But when the oligarchy of the Thirty was in power, they brought me and four others into the rotunda, and bade us bring Leon Salaminian from Salamis, as they wanted to put him to death. This was a specimen of the sort of commands which they were always giving us, the view of implicating as many as possible in their crimes; and I showed, not in word only but in deed, that, if I may be allowed such an expression, I cared not a straw for death, and that my only care was lest I should do an unrighteous or unholy thing. The strong arm of that oppressive power did not frighten me into wrong; and when we came out of the rotunda the other four went to Salamis and fetched Leon, but I went quietly home. For which I have lost my life, had not the power of the Thirty shortly afterwards come to an end. And many will witness to my words.

Now do you really imagine that I could have survived all these things if I had led a public life, supposing that like a good man I had maintained the right and had made justice, as I ought, the first of men? No indeed, men of Athens, neither I nor any other man. But I have always been the same in all my actions, public as well as private, and have I yielded any base compliance to those who are slanderously called my disciples, or to any other. Not that I have any regular disciples. But if any one likes to come and hear me while I am pursuing my way, whether he be young or old, he is not excluded. Nor do I converse with those who pay; but any one, whether he be rich or poor, may answer me and listen to my words; and whether he turns out to be a bad man or a good one, neither result can be justly imputed to me; I never taught or professed to teach him anything. And if any one says that he has ever learned or heard anything from me in private which the world has not heard, let me tell you that he is lying.

But I shall be asked, Why do people delight in continually conv with you? I have told you already, Athenians, the whole truth a matter: they like to hear the cross-examination of the pretende wisdom; there is amusement in it. Now this duty of cross-examin men has been imposed upon me by God; and has been signified to oracles, visions, and in every way in which the will of divine ever intimated to any one. This is true, O Athenians, or, if no would be soon refuted. If I am or have been corrupting the yout of them who are now grown up and have become sensible that I ga bad advice in the days of their youth should come forward as ac and take their revenge; or if they do not like to come themselv of their relatives, fathers, brothers, or other kinsmen, should evil their families have suffered at my hands. Now is their tim of them I see in the court. There is Crito, who is of the same of the same deme with myself, and there is Critobulus his son, also see. Then again there is Lysanias of Sphettus, who is the Aeschines--he is present; and also there is Antiphon of Cephisu the father of Epigenes; and there are the brothers of several w associated with me. There is Nicostratus the son of Theosdotide the brother of Theodotus (now Theodotus himself is dead, and th he, at any rate, will not seek to stop him); and there is Paral son of Demodocus, who had a brother Theages; and Adeimantus the Ariston, whose brother Plato is present; and Aeantodorus, who i brother of Apollodorus, whom I also see. I might mention a grea others, some of whom Meletus should have produced as witnesses the course of his speech; and let him still produce them, if he forgotten--I will make way for him. And let him say, if he has testimony of the sort which he can produce. Nay, Athenians, the opposite is the truth. For all these are ready to witness on be the corrupter, of the injurer of their kindred, as Meletus and call me; not the corrupted youth only--there might have been a for that--but their uncorrupted elder relatives. Why should the support me with their testimony? Why, indeed, except for the sa truth and justice, and because they know that I am speaking the

and that Meletus is a liar.

Well, Athenians, this and the like of this is all the defence we have to offer. Yet a word more. Perhaps there may be some one who is offended at me, when he calls to mind how he himself on a similar even a less serious occasion, prayed and entreated the judges with tears, and how he produced his children in court, which was a magnificent spectacle, together with a host of relations and friends; whereas those who are probably in danger of my life, will do none of these things. This contrast may occur to his mind, and he may be set against me, and may be in anger because he is displeased at me on this account. Now if there were to be such a person among you,--mind, I do not say that there is,--he may fairly reply: My friend, I am a man, and like other men, am made of flesh and blood, and not 'of wood or stone,' as Homer says; I have a family, yes, and sons, O Athenians, three in number, one man, and two others who are still young; and yet I will not bring them hither in order to petition you for an acquittal. And why should I do this from any self-assertion or want of respect for you. Whether I am or am not afraid of death is another question, of which I will not now speak. But, having regard to public opinion, I feel that such conduct is disgraceful and discreditable to myself, and to you, and to the whole state. One who has reached my years, and who has a name for wisdom, ought not to be so concerned for himself. Whether this opinion of me be deserved or not, at any rate the world has decided that Socrates is in some way superior to other men. And if those among you who are said to be superior in wisdom and courage, and any other virtue, demean themselves in this way, their shameful conduct is their conduct! I have seen men of reputation, when they have been condemned, behaving in the strangest manner: they seemed to think that they were going to suffer something dreadful if they died, and that they could be immortal if you only allowed them to live; and I have seen that such are a dishonour to the state, and that any stranger could have said of them that the most eminent men of Athens, to whom the Athenians themselves give honour and command, are no better than they. And I say that these things ought not to be done by those of us who have a reputation; and if they are done, you ought not to permit the

ought rather to show that you are far more disposed to condemn who gets up a doleful scene and makes the city ridiculous, than holds his peace.

But, setting aside the question of public opinion, there seems something wrong in asking a favour of a judge, and thus procuring acquittal, instead of informing and convincing him. For his duty is not to make a present of justice, but to give judgment; and he swears that he will judge according to the laws, and not according to his good pleasure; and we ought not to encourage you, nor should you encourage yourselves to be encouraged, in this habit of perjury--there can be no piety in that. Do not then require me to do what I consider dishonourable and impious and wrong, especially now, when I am being tried for impiety on the indictment of Meletus. For if, O men of Athens, by force of persuasion and entreaty I could overpower your oath, I should be teaching you to believe that there are no gods, and if defending should simply convict myself of the charge of not believing in them. But that is not so--far otherwise. For I do believe that there are gods, and in a sense higher than that in which any of my accusers believe in them. And to you and to God I commit my cause, to be determined by you as is best for you and me.

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There are many reasons why I am not grieved, O men of Athens, at the vote of condemnation. I expected it, and am only surprised that the votes are so nearly equal; for I had thought that the majority against me would have been far larger; but now, had thirty votes gone over to the other side, I should have been acquitted. And I may say, I am glad that I have escaped Meletus. I may say more; for without the assistance of Anytus and Lycon, any one may see that he would not have had a part of the votes, as the law requires, in which case he would have incurred a fine of a thousand drachmae.

And so he proposes death as the penalty. And what shall I propose

part, O men of Athens? Clearly that which is my due. And what is that? What return shall be made to the man who has never had the wit to be idle during his whole life; but has been careless of what the man of the law for--wealth, and family interests, and military offices, and speeches at the assembly, and magistracies, and plots, and parties. Reflect that I was really too honest a man to be a politician and live, I did not know where I could do no good to you or to myself; but where I could do the greatest good privately to every one of you, thither I went, and I tried to persuade every man among you that he must look to himself, and to virtue and wisdom before he looks to his private interests, and to the state before he looks to the interests of the state; and that that should be the order which he observes in all his actions. What is done to such an one? Doubtless some good thing, O men of Athens. He has his reward; and the good should be of a kind suitable to him. It would be a reward suitable to a poor man who is your benefactor, who desires leisure that he may instruct you? There can be no reward more fitting as maintenance in the Prytaneum, O men of Athens, a reward which he deserves far more than the citizen who has won the prize at the race in the horse or chariot race, whether the chariots were drawn by few horses or by many. For I am in want, and he has enough; and he gives you the appearance of happiness, and I give you the reality. If I am to estimate the penalty fairly, I should say that maintenance in the Prytaneum is the just return.

Perhaps you think that I am braving you in what I am saying now, and what I said before about the tears and prayers. But this is not so. I speak rather because I am convinced that I never intentionally wronged any one, although I cannot convince you--the time has been too short. There were a law at Athens, as there is in other cities, that a man in a cause should not be decided in one day, then I believe that I should have convinced you. But I cannot in a moment refute great slander, as I am convinced that I never wronged another, I will assuredly not wrong myself. I will not say of myself that I deserve any evil, nor will I propose any penalty. Why should I? because I am afraid of the penalty of death which Meletus proposes? When I do not know whether death

or an evil, why should I propose a penalty which would certainly be an evil? Shall I say imprisonment? And why should I live in prison, the slave of the magistrates of the year--of the Eleven? Or shall the penalty be a fine, and imprisonment until the fine is paid? The same objection. I should have to lie in prison, for money I have and cannot pay. And if I say exile (and this may possibly be the one which you will affix), I must indeed be blinded by the love of life. I am so irrational as to expect that when you, who are my own countrymen, cannot endure my discourses and words, and have found them so gross and odious that you will have no more of them, others are likely to endure me. No indeed, men of Athens, that is not very likely. A life such as a life should I lead, at my age, wandering from city to city, exchanging my place of exile, and always being driven out! For I am sure that wherever I go, there, as here, the young men will flock to me; and if I drive them away, their elders will drive me out at their request; and if I let them come, their fathers and friends will drive me out for their sakes.

Some one will say: Yes, Socrates, but cannot you hold your tongue? then you may go into a foreign city, and no one will interfere with you. Now I have great difficulty in making you understand my answer. For if I tell you that to do as you say would be a disobedience to God, and therefore that I cannot hold my tongue, you will not believe that I am serious; and if I say again that daily to discourse about virtue, and of those other things about which you hear me examine myself and others, is the greatest good of man, and that the unexamined life is not worth living, you are still less likely to believe me. I say what is true, although a thing of which it is hard for me to persuade you. Also, I have never been accustomed to think that I should suffer any harm. Had I money I might have estimated the offer of what I was able to pay, and not have been much the worse. But I have none, and therefore I must ask you to proportion the fine to my means. Well, perhaps I could afford a mina, and therefore I propose that as the penalty: Plato, Crito, Critobulus, and Apollodorus, my friends, will let me say thirty minae, and they will be the sureties. Let thirty

the penalty; for which sum they will be ample security to you.

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Not much time will be gained, O Athenians, in return for the evil which you will get from the detractors of the city, who will say you killed Socrates, a wise man; for they will call me wise, even although I am not wise, when they want to reproach you. If you had waited a little while, your desire would have been fulfilled in the course of nature. For I am far advanced in years, as you may perceive and not far from death. I am speaking now not to all of you, but to those who have condemned me to death. And I have another thing to say to them: you think that I was convicted because I had no words of defence which would have procured my acquittal--I mean, if I had thought I should leave nothing undone or unsaid. Not so; the deficiency which led to my conviction was not of words--certainly not. But I had not the boldness or impudence or inclination to address you as you would have liked me to do, weeping and wailing and lamenting, and saying and doing many things which you have been accustomed to hear from others, and which, I think, I should maintain, are unworthy of me. I thought at the time that I ought not to do anything common or mean when in danger: nor do I now repent of my style of my defence; I would rather die having spoken after my manner than speak in your manner and live. For neither in war nor yet in peace ought I or any man to use every way of escaping death. Often in war there can be no doubt that if a man will throw away his arms, and lie on his knees before his pursuers, he may escape death; and in other dangers there are other ways of escaping death, if a man is willing to say and do anything. The difficulty, my friends, is not to avoid death but to avoid unrighteousness; for that runs faster than death. I would rather move slowly, and the slower runner has overtaken me, and my pursuers are keen and quick, and the faster runner, who is unrighteousness, has overtaken them. And now I depart hence condemned by you to suffer the penalty of death,--they too go their ways condemned by the truth to suffer the penalty of villainy and wrong; and I must abide by my award--let them abide by theirs. I suppose that these things may

regarded as fated,--and I think that they are well.

And now, O men who have condemned me, I would fain prophesy to you for I am about to die, and in the hour of death men are gifted with prophetic power. And I prophesy to you who are my murderers, that immediately after my departure punishment far heavier than you have inflicted on me will surely await you. Me you have killed because I wanted to escape the accuser, and not to give an account of you. But that will not be as you suppose: far otherwise. For I say to you that there will be more accusers of you than there are now; accusers whom I have hitherto restrained: and as they are younger they will be more inconsiderate with you, and you will be more offended at them. You think that by killing men you can prevent some one from censuring your evil lives, you are mistaken; that is not a way of escape which is either possible or honourable; the easiest and the noblest way of escape is to be disabling others, but to be improving yourselves. This is the prophecy which I utter before my departure to the judges who have condemned me.

Friends, who would have acquitted me, I would like also to talk to you about the thing which has come to pass, while the magistrates are absent and before I go to the place at which I must die. Stay then a little while for we may as well talk with one another while there is time. You are my friends, and I should like to show you the meaning of this event which has happened to me. O my judges--for you I may truly call judges--you should like to tell you of a wonderful circumstance. Hitherto the faculty of which the internal oracle is the source has constantly been in the habit of opposing me even about trifles, if I was going to do a slip or error in any matter; and now as you see there has come to pass that which may be thought, and is generally believed to be, the worst evil. But the oracle made no sign of opposition, either when I was leaving my house in the morning, or when I was on my way to the court, or while I was speaking, at anything which I was going to say; and I have often been stopped in the middle of a speech, but now in my defence I either said or did touching the matter in hand has the oracle

me. What do I take to be the explanation of this silence? I will tell you. It is an intimation that what has happened to me is a good, and that those of us who think that death is an evil are in error. The customary sign would surely have opposed me had I been going to die, and not to good.

Let us reflect in another way, and we shall see that there is good reason to hope that death is a good; for one of two things--either death is a state of nothingness and utter unconsciousness, or, as men say, there is a change and migration of the soul from this world to another. Now if you suppose that there is no consciousness, but a sleep, like the sleep of him who is undisturbed even by dreams, death will be an unspeakable gain. For if a person were to select the night in which his sleep was undisturbed even by dreams, and were to compare with his other days and nights of his life, and then were to tell us how he would pass his days and nights he had passed in the course of his life better than this one, I think that any man, I will not say a private man, but even the great king will not find many such days or nights when compared with the others. Now if death be of such a nature that to die is gain; for eternity is then only a single night. If death is the journey to another place, and there, as men say, the dead abide, what good, O my friends and judges, can be greater than this? If indeed when the pilgrim arrives in the world below, he is delivered from the professors of justice in this world, and finds true judges who are said to give judgment there, Minos and Rhadamanthys and Aeacus and Triptolemus, and other sons of God who were righteous in their own life, that pilgrimage will be worth making. What would any man give if he might converse with Orpheus and Musaeus and Hesiod and Homer? Nay, if this be true, let me die again and again. I myself shall have a wonderful interest in there meeting and conversing with Palamedes, and Ajax the son of Telamon, and any other ancient heroes who have suffered death through an unjust judgment; and there will be a small pleasure, as I think, in comparing my own sufferings with theirs. Above all, I shall then be able to continue my search into true and false knowledge; as in this world, so also in the next; and I shall

out who is wise, and who pretends to be wise, and is not. What not a man give, O judges, to be able to examine the leader of the Trojan expedition; or Odysseus or Sisyphus, or numberless others and women too! What infinite delight would there be in conversing with them and asking them questions! In another world they do not put to death for asking questions: assuredly not. For besides being wiser than we are, they will be immortal, if what is said is true.

Wherefore, O judges, be of good cheer about death, and know of this with certainty, that no evil can happen to a good man, either in life or after death. He and his are not neglected by the gods; nor has any ill or approaching end happened by mere chance. But I see clearly that the time had arrived when it was better for me to die and be released from this trouble; wherefore the oracle gave no sign. For which reason, am I not angry with my condemners, or with my accusers; they have done me no harm, although they did not mean to do me any good; and for this I will gently blame them.

Still I have a favour to ask of them. When my sons are grown up, I would ask you, O my friends, to punish them; and I would have you trouble them, as I have troubled you, if they seem to care about riches and anything, more than about virtue; or if they pretend to be something when they are really nothing,--then reprove them, as I have reproved you, for not caring about that for which they ought to care, and for thinking that they are something when they are really nothing. If you do this, both I and my sons will have received justice at your hands.

The hour of departure has arrived, and we go our ways--I to die, you to live. Which is better God only knows.

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# 7. Plato: The Republic, Book VII (Part I)

## BOOK VII.

And now, I said, let me show in a figure how far our nature is enlightened or unenlightened:—Behold! human beings living in a underground den, which has a mouth open towards the light and reaching all along the den; here they have been from their childhood, and have their legs and necks chained so that they cannot move, and can only see before them, being prevented by the chains from turning round their heads. Above and behind them a fire is blazing at a distance, and between the fire and the prisoners there is a raised way; and you will see, if you look, a low wall built along the way, like the screen which marionette players have in front of them, over which they show the puppets.

I see.

And do you see, I said, men passing along the wall carrying all sorts of vessels, and statues and figures of animals made of wood and stone and various materials, which appear over the wall? Some of them are talking, others silent.

You have shown me a strange image, and they are strange prisoners.

Like ourselves, I replied; and they see only their own shadows, or the shadows of one another, which the fire throws on the opposite wall of the cave?

True, he said; how could they see anything but the shadows if they were never allowed to move their heads?

And of the objects which are being carried in like manner they would only see the shadows?

Yes, he said.

And if they were able to converse with one another, would they not suppose that they were naming what was actually before them?

Very true.

And suppose further that the prison had an echo which came from the other side, would they not be sure to fancy when one of the passers-by spoke that the voice which they heard came from the passing shadow?

No question, he replied.

To them, I said, the truth would be literally nothing but the shadows of the images.

That is certain.

And now look again, and see what will naturally follow if the prisoners are released and disabused of their error. At first, when any of them is liberated and compelled suddenly to stand up and turn his neck round and walk and look towards the light, he will suffer sharp pains; the glare will distress him, and he will be unable to see the realities of which in his former state he had seen the shadows; and then conceive some one saying to him, that what he saw before was an illusion, but that now, when he is approaching nearer to being and his eye is turned towards more real existence, he has a clearer vision,—what will be his reply? And you may further imagine that his instructor is pointing to the objects as they pass and requiring him to name them,—will he not be perplexed? Will he not fancy that the shadows which he formerly saw are truer than the objects which are now shown to him?

Far truer.

And if he is compelled to look straight at the light, will he not have a pain in his eyes which will make him turn away to take refuge in the objects of vision which he can see, and which he will conceive to be in reality clearer than the things which are now being shown to him?

True, he said.

And suppose once more, that he is reluctantly dragged up a steep and rugged ascent, and held fast until he is forced into the presence of the sun himself, is he not likely to be pained and irritated? When

he approaches the light his eyes will be dazzled, and he will not be able to see anything at all of what are now called realities.

Not all in a moment, he said.

He will require to grow accustomed to the sight of the upper world. And first he will see the shadows best, next the reflections of men and other objects in the water, and then the objects themselves; then he will gaze upon the light of the moon and the stars and the spangled heaven; and he will see the sky and the stars by night better than the sun or the light of the sun by day?

Certainly.

Last of all he will be able to see the sun, and not mere reflections of him in the water, but he will see him in his own proper place, and not in another; and he will contemplate him as he is.

Certainly.

He will then proceed to argue that this is he who gives the season and the years, and is the guardian of all that is in the visible world, and in a certain way the cause of all things which he and his fellows have been accustomed to behold?

Clearly, he said, he would first see the sun and then reason about him.

And when he remembered his old habitation, and the wisdom of the den and his fellow-prisoners, do you not suppose that he would felicitate himself on the change, and pity them?

Certainly, he would.

And if they were in the habit of conferring honours among themselves on those who were quickest to observe the passing shadows and to remark which of them went before, and which followed after, and which were together; and who were therefore best able to draw conclusions as to the future, do you think that he would care for such honours and glories, or envy the possessors of them? Would he not say with Homer,

‘Better to be the poor servant of a poor master,’

and to endure anything, rather than think as they do and live after their manner?

Yes, he said, I think that he would rather suffer anything than entertain these false notions and live in this miserable manner.

Imagine once more, I said, such an one coming suddenly out of the sun to be replaced in his old situation; would he not be certain to have his eyes full of darkness?

To be sure, he said.

And if there were a contest, and he had to compete in measuring the shadows with the prisoners who had never moved out of the den, while his sight was still weak, and before his eyes had become steady (and the time which would be needed to acquire this new habit of sight might be very considerable), would he not be ridiculous? Men would say of him that up he went and down he came without his eyes; and that it was better not even to think of ascending; and if any one tried to loose another and lead him up to the light, let them only catch the offender, and they would put him to death.

No question, he said.

This entire allegory, I said, you may now append, dear Glaucon, to the previous argument; the prison-house is the world of sight, the light of the fire is the sun, and you will not misapprehend me if you interpret the journey upwards to be the ascent of the soul into the intellectual world according to my poor belief, which, at your desire, I have expressed—whether rightly or wrongly God knows. But, whether true or false, my opinion is that in the world of knowledge the idea of good appears last of all, and is seen only with an effort; and, when seen, is also inferred to be the universal author of all things beautiful and right, parent of light and of the lord of light in this visible world, and the immediate source of reason and truth in the intellectual; and that this is the power upon which he who would act rationally either in public or private life must have his eye fixed.

I agree, he said, as far as I am able to understand you.

Moreover, I said, you must not wonder that those who attain to this beatific vision are unwilling to descend to human affairs; for their souls are ever hastening into the upper world where they

desire to dwell; which desire of theirs is very natural, if our allegory may be trusted.

Yes, very natural.

And is there anything surprising in one who passes from divine contemplations to the evil state of man, misbehaving himself in a ridiculous manner; if, while his eyes are blinking and before he has become accustomed to the surrounding darkness, he is compelled to fight in courts of law, or in other places, about the images or the shadows of images of justice, and is endeavouring to meet the conceptions of those who have never yet seen absolute justice?

Anything but surprising, he replied.

Any one who has common sense will remember that the bewilderments of the eyes are of two kinds, and arise from two causes, either from coming out of the light or from going into the light, which is true of the mind's eye, quite as much as of the bodily eye; and he who remembers this when he sees any one whose vision is perplexed and weak, will not be too ready to laugh; he will first ask whether that soul of man has come out of the brighter life, and is unable to see because unaccustomed to the dark, or having turned from darkness to the day is dazzled by excess of light. And he will count the one happy in his condition and state of being, and he will pity the other; or, if he have a mind to laugh at the soul which comes from below into the light, there will be more reason in this than in the laugh which greets him who returns from above out of the light into the den.

That, he said, is a very just distinction.

But then, if I am right, certain professors of education must be wrong when they say that they can put a knowledge into the soul which was not there before, like sight into blind eyes.

They undoubtedly say this, he replied.

Whereas, our argument shows that the power and capacity of learning exists in the soul already; and that just as the eye was unable to turn from darkness to light without the whole body, so too the instrument of knowledge can only by the movement of the whole soul be turned from the world of becoming into that of

being, and learn by degrees to endure the sight of being, and of the brightest and best of being, or in other words, of the good.

Very true.

And must there not be some art which will effect conversion in the easiest and quickest manner; not implanting the faculty of sight, for that exists already, but has been turned in the wrong direction, and is looking away from the truth?

Yes, he said, such an art may be presumed.

And whereas the other so-called virtues of the soul seem to be akin to bodily qualities, for even when they are not originally innate they can be implanted later by habit and exercise, the virtue of wisdom more than anything else contains a divine element which always remains, and by this conversion is rendered useful and profitable; or, on the other hand, hurtful and useless. Did you never observe the narrow intelligence flashing from the keen eye of a clever rogue—how eager he is, how clearly his paltry soul sees the way to his end; he is the reverse of blind, but his keen eye-sight is forced into the service of evil, and he is mischievous in proportion to his cleverness?

Very true, he said.

But what if there had been a circumcision of such natures in the days of their youth; and they had been severed from those sensual pleasures, such as eating and drinking, which, like leaden weights, were attached to them at their birth, and which drag them down and turn the vision of their souls upon the things that are below—if, I say, they had been released from these impediments and turned in the opposite direction, the very same faculty in them would have seen the truth as keenly as they see what their eyes are turned to now.

Very likely.

Yes, I said; and there is another thing which is likely, or rather a necessary inference from what has preceded, that neither the uneducated and uninformed of the truth, nor yet those who never make an end of their education, will be able ministers of State; not the former, because they have no single aim of duty which is the rule

of all their actions, private as well as public; nor the latter, because they will not act at all except upon compulsion, fancying that they are already dwelling apart in the islands of the blest.

Very true, he replied.

Then, I said, the business of us who are the founders of the State will be to compel the best minds to attain that knowledge which we have already shown to be the greatest of all—they must continue to ascend until they arrive at the good; but when they have ascended and seen enough we must not allow them to do as they do now.

What do you mean?

I mean that they remain in the upper world: but this must not be allowed; they must be made to descend again among the prisoners in the den, and partake of their labours and honours, whether they are worth having or not.

But is not this unjust? he said; ought we to give them a worse life, when they might have a better?

You have again forgotten, my friend, I said, the intention of the legislator, who did not aim at making any one class in the State happy above the rest; the happiness was to be in the whole State, and he held the citizens together by persuasion and necessity, making them benefactors of the State, and therefore benefactors of one another; to this end he created them, not to please themselves, but to be his instruments in binding up the State.

True, he said, I had forgotten.

Observe, Glaucon, that there will be no injustice in compelling our philosophers to have a care and providence of others; we shall explain to them that in other States, men of their class are not obliged to share in the toils of politics: and this is reasonable, for they grow up at their own sweet will, and the government would rather not have them. Being self-taught, they cannot be expected to show any gratitude for a culture which they have never received. But we have brought you into the world to be rulers of the hive, kings of yourselves and of the other citizens, and have educated you far better and more perfectly than they have been educated, and you are better able to share in the double duty. Wherefore

each of you, when his turn comes, must go down to the general underground abode, and get the habit of seeing in the dark. When you have acquired the habit, you will see ten thousand times better than the inhabitants of the den, and you will know what the several images are, and what they represent, because you have seen the beautiful and just and good in their truth. And thus our State, which is also yours, will be a reality, and not a dream only, and will be administered in a spirit unlike that of other States, in which men fight with one another about shadows only and are distracted in the struggle for power, which in their eyes is a great good. Whereas the truth is that the State in which the rulers are most reluctant to govern is always the best and most quietly governed, and the State in which they are most eager, the worst.

Quite true, he replied.

And will our pupils, when they hear this, refuse to take their turn at the toils of State, when they are allowed to spend the greater part of their time with one another in the heavenly light?

Impossible, he answered; for they are just men, and the commands which we impose upon them are just; there can be no doubt that every one of them will take office as a stern necessity, and not after the fashion of our present rulers of State.

Yes, my friend, I said; and there lies the point. You must contrive for your future rulers another and a better life than that of a ruler, and then you may have a well-ordered State; for only in the State which offers this, will they rule who are truly rich, not in silver and gold, but in virtue and wisdom, which are the true blessings of life. Whereas if they go to the administration of public affairs, poor and hungering after their own private advantage, thinking that hence they are to snatch the chief good, order there can never be; for they will be fighting about office, and the civil and domestic broils which thus arise will be the ruin of the rulers themselves and of the whole State.

Most true, he replied.

And the only life which looks down upon the life of political ambition is that of true philosophy. Do you know of any other?

Indeed, I do not, he said.

And those who govern ought not to be lovers of the task? For, if they are, there will be rival lovers, and they will fight.

No question.

Who then are those whom we shall compel to be guardians? Surely they will be the men who are wisest about affairs of State, and by whom the State is best administered, and who at the same time have other honours and another and a better life than that of politics?

They are the men, and I will choose them, he replied.

And now shall we consider in what way such guardians will be produced, and how they are to be brought from darkness to light,—as some are said to have ascended from the world below to the gods?

By all means, he replied.

The process, I said, is not the turning over of an oyster-shell (In allusion to a game in which two parties fled or pursued according as an oyster-shell which was thrown into the air fell with the dark or light side uppermost.), but the turning round of a soul passing from a day which is little better than night to the true day of being, that is, the ascent from below, which we affirm to be true philosophy?

Quite so.

And should we not enquire what sort of knowledge has the power of effecting such a change?

Certainly.

What sort of knowledge is there which would draw the soul from becoming to being? And another consideration has just occurred to me: You will remember that our young men are to be warrior athletes?

Yes, that was said.

Then this new kind of knowledge must have an additional quality?

What quality?

Usefulness in war.

Yes, if possible.

There were two parts in our former scheme of education, were there not?

Just so.

There was gymnastic which presided over the growth and decay of the body, and may therefore be regarded as having to do with generation and corruption?

True.

Then that is not the knowledge which we are seeking to discover?

No.

But what do you say of music, which also entered to a certain extent into our former scheme?

Music, he said, as you will remember, was the counterpart of gymnastic, and trained the guardians by the influences of habit, by harmony making them harmonious, by rhythm rhythmical, but not giving them science; and the words, whether fabulous or possibly true, had kindred elements of rhythm and harmony in them. But in music there was nothing which tended to that good which you are now seeking.

You are most accurate, I said, in your recollection; in music there certainly was nothing of the kind. But what branch of knowledge is there, my dear Glaucon, which is of the desired nature; since all the useful arts were reckoned mean by us?

Undoubtedly; and yet if music and gymnastic are excluded, and the arts are also excluded, what remains?

Well, I said, there may be nothing left of our special subjects; and then we shall have to take something which is not special, but of universal application.

What may that be?

A something which all arts and sciences and intelligences use in common, and which every one first has to learn among the elements of education.

What is that?

The little matter of distinguishing one, two, and three—in a word, number and calculation:—do not all arts and sciences necessarily partake of them?

Yes.

Then the art of war partakes of them?

To be sure.

Then Palamedes, whenever he appears in tragedy, proves Agamemnon ridiculously unfit to be a general. Did you never remark how he declares that he had invented number, and had numbered the ships and set in array the ranks of the army at Troy; which implies that they had never been numbered before, and Agamemnon must be supposed literally to have been incapable of counting his own feet—how could he if he was ignorant of number? And if that is true, what sort of general must he have been?

I should say a very strange one, if this was as you say.

Can we deny that a warrior should have a knowledge of arithmetic?

Certainly he should, if he is to have the smallest understanding of military tactics, or indeed, I should rather say, if he is to be a man at all.

I should like to know whether you have the same notion which I have of this study?

What is your notion?

It appears to me to be a study of the kind which we are seeking, and which leads naturally to reflection, but never to have been rightly used; for the true use of it is simply to draw the soul towards being.

Will you explain your meaning? he said.

I will try, I said; and I wish you would share the enquiry with me, and say 'yes' or 'no' when I attempt to distinguish in my own mind what branches of knowledge have this attracting power, in order that we may have clearer proof that arithmetic is, as I suspect, one of them.

Explain, he said.

I mean to say that objects of sense are of two kinds; some of them do not invite thought because the sense is an adequate judge of them; while in the case of other objects sense is so untrustworthy that further enquiry is imperatively demanded.

You are clearly referring, he said, to the manner in which the senses are imposed upon by distance, and by painting in light and shade.

No, I said, that is not at all my meaning.

Then what is your meaning?

When speaking of uninviting objects, I mean those which do not pass from one sensation to the opposite; inviting objects are those which do; in this latter case the sense coming upon the object, whether at a distance or near, gives no more vivid idea of anything in particular than of its opposite. An illustration will make my meaning clearer:—here are three fingers—a little finger, a second finger, and a middle finger.

Very good.

You may suppose that they are seen quite close: And here comes the point.

What is it?

Each of them equally appears a finger, whether seen in the middle or at the extremity, whether white or black, or thick or thin—it makes no difference; a finger is a finger all the same. In these cases a man is not compelled to ask of thought the question what is a finger? for the sight never intimates to the mind that a finger is other than a finger.

True.

And therefore, I said, as we might expect, there is nothing here which invites or excites intelligence.

There is not, he said.

But is this equally true of the greatness and smallness of the fingers? Can sight adequately perceive them? and is no difference made by the circumstance that one of the fingers is in the middle and another at the extremity? And in like manner does the touch adequately perceive the qualities of thickness or thinness, of softness or hardness? And so of the other senses; do they give perfect intimations of such matters? Is not their mode of operation on this wise—the sense which is concerned with the quality of hardness is necessarily concerned also with the quality of softness,

and only intimates to the soul that the same thing is felt to be both hard and soft?

You are quite right, he said.

And must not the soul be perplexed at this intimation which the sense gives of a hard which is also soft? What, again, is the meaning of light and heavy, if that which is light is also heavy, and that which is heavy, light?

Yes, he said, these intimations which the soul receives are very curious and require to be explained.

Yes, I said, and in these perplexities the soul naturally summons to her aid calculation and intelligence, that she may see whether the several objects announced to her are one or two.

True.

And if they turn out to be two, is not each of them one and different?

Certainly.

And if each is one, and both are two, she will conceive the two as in a state of division, for if there were undivided they could only be conceived of as one?

True.

The eye certainly did see both small and great, but only in a confused manner; they were not distinguished.

Yes.

Whereas the thinking mind, intending to light up the chaos, was compelled to reverse the process, and look at small and great as separate and not confused.

Very true.

Was not this the beginning of the enquiry 'What is great?' and 'What is small?'

Exactly so.

And thus arose the distinction of the visible and the intelligible.

Most true.

This was what I meant when I spoke of impressions which invited the intellect, or the reverse—those which are simultaneous with

opposite impressions, invite thought; those which are not simultaneous do not.

I understand, he said, and agree with you.

And to which class do unity and number belong?

I do not know, he replied.

Think a little and you will see that what has preceded will supply the answer; for if simple unity could be adequately perceived by the sight or by any other sense, then, as we were saying in the case of the finger, there would be nothing to attract towards being; but when there is some contradiction always present, and one is the reverse of one and involves the conception of plurality, then thought begins to be aroused within us, and the soul perplexed and wanting to arrive at a decision asks 'What is absolute unity?' This is the way in which the study of the one has a power of drawing and converting the mind to the contemplation of true being.

And surely, he said, this occurs notably in the case of one; for we see the same thing to be both one and infinite in multitude?

Yes, I said; and this being true of one must be equally true of all number?

Certainly.

And all arithmetic and calculation have to do with number?

Yes.

And they appear to lead the mind towards truth?

Yes, in a very remarkable manner.

Then this is knowledge of the kind for which we are seeking, having a double use, military and philosophical; for the man of war must learn the art of number or he will not know how to array his troops, and the philosopher also, because he has to rise out of the sea of change and lay hold of true being, and therefore he must be an arithmetician.

That is true.

And our guardian is both warrior and philosopher?

Certainly.

Then this is a kind of knowledge which legislation may fitly prescribe; and we must endeavour to persuade those who are to be

the principal men of our State to go and learn arithmetic, not as amateurs, but they must carry on the study until they see the nature of numbers with the mind only; nor again, like merchants or retail-traders, with a view to buying or selling, but for the sake of their military use, and of the soul herself; and because this will be the easiest way for her to pass from becoming to truth and being.

That is excellent, he said.

Yes, I said, and now having spoken of it, I must add how charming the science is! and in how many ways it conduces to our desired end, if pursued in the spirit of a philosopher, and not of a shopkeeper!

How do you mean?

I mean, as I was saying, that arithmetic has a very great and elevating effect, compelling the soul to reason about abstract number, and rebelling against the introduction of visible or tangible objects into the argument. You know how steadily the masters of the art repel and ridicule any one who attempts to divide absolute unity when he is calculating, and if you divide, they multiply (Meaning either (1) that they integrate the number because they deny the possibility of fractions; or (2) that division is regarded by them as a process of multiplication, for the fractions of one continue to be units.), taking care that one shall continue one and not become lost in fractions.

That is very true.

Now, suppose a person were to say to them: O my friends, what are these wonderful numbers about which you are reasoning, in which, as you say, there is a unity such as you demand, and each unit is equal, invariable, indivisible,—what would they answer?

They would answer, as I should conceive, that they were speaking of those numbers which can only be realized in thought.

Then you see that this knowledge may be truly called necessary, necessitating as it clearly does the use of the pure intelligence in the attainment of pure truth?

Yes; that is a marked characteristic of it.

And have you further observed, that those who have a natural

talent for calculation are generally quick at every other kind of knowledge; and even the dull, if they have had an arithmetical training, although they may derive no other advantage from it, always become much quicker than they would otherwise have been.

Very true, he said.

And indeed, you will not easily find a more difficult study, and not many as difficult.

You will not.

And, for all these reasons, arithmetic is a kind of knowledge in which the best natures should be trained, and which must not be given up.

I agree.

Let this then be made one of our subjects of education. And next, shall we enquire whether the kindred science also concerns us?

You mean geometry?

Exactly so.

Clearly, he said, we are concerned with that part of geometry which relates to war; for in pitching a camp, or taking up a position, or closing or extending the lines of an army, or any other military manoeuvre, whether in actual battle or on a march, it will make all the difference whether a general is or is not a geometrician.

Yes, I said, but for that purpose a very little of either geometry or calculation will be enough; the question relates rather to the greater and more advanced part of geometry—whether that tends in any degree to make more easy the vision of the idea of good; and thither, as I was saying, all things tend which compel the soul to turn her gaze towards that place, where is the full perfection of being, which she ought, by all means, to behold.

True, he said.

Then if geometry compels us to view being, it concerns us; if becoming only, it does not concern us?

Yes, that is what we assert.

Yet anybody who has the least acquaintance with geometry will not deny that such a conception of the science is in flat contradiction to the ordinary language of geometricians.

How so?

They have in view practice only, and are always speaking, in a narrow and ridiculous manner, of squaring and extending and applying and the like—they confuse the necessities of geometry with those of daily life; whereas knowledge is the real object of the whole science.

Certainly, he said.

Then must not a further admission be made?

What admission?

That the knowledge at which geometry aims is knowledge of the eternal, and not of aught perishing and transient.

That, he replied, may be readily allowed, and is true.

Then, my noble friend, geometry will draw the soul towards truth, and create the spirit of philosophy, and raise up that which is now unhappily allowed to fall down.

Nothing will be more likely to have such an effect.

Then nothing should be more sternly laid down than that the inhabitants of your fair city should by all means learn geometry. Moreover the science has indirect effects, which are not small.

Of what kind? he said.

There are the military advantages of which you spoke, I said; and in all departments of knowledge, as experience proves, any one who has studied geometry is infinitely quicker of apprehension than one who has not.

Yes indeed, he said, there is an infinite difference between them.

Then shall we propose this as a second branch of knowledge which our youth will study?

Let us do so, he replied.

And suppose we make astronomy the third—what do you say?

I am strongly inclined to it, he said; the observation of the seasons and of months and years is as essential to the general as it is to the farmer or sailor.

I am amused, I said, at your fear of the world, which makes you guard against the appearance of insisting upon useless studies; and I quite admit the difficulty of believing that in every man there is

an eye of the soul which, when by other pursuits lost and dimmed, is by these purified and re-illuminated; and is more precious far than ten thousand bodily eyes, for by it alone is truth seen. Now there are two classes of persons: one class of those who will agree with you and will take your words as a revelation; another class to whom they will be utterly unmeaning, and who will naturally deem them to be idle tales, for they see no sort of profit which is to be obtained from them. And therefore you had better decide at once with which of the two you are proposing to argue. You will very likely say with neither, and that your chief aim in carrying on the argument is your own improvement; at the same time you do not grudge to others any benefit which they may receive.

I think that I should prefer to carry on the argument mainly on my own behalf.

Then take a step backward, for we have gone wrong in the order of the sciences.

What was the mistake? he said.

After plane geometry, I said, we proceeded at once to solids in revolution, instead of taking solids in themselves; whereas after the second dimension the third, which is concerned with cubes and dimensions of depth, ought to have followed.

That is true, Socrates; but so little seems to be known as yet about these subjects.

Why, yes, I said, and for two reasons:—in the first place, no government patronises them; this leads to a want of energy in the pursuit of them, and they are difficult; in the second place, students cannot learn them unless they have a director. But then a director can hardly be found, and even if he could, as matters now stand, the students, who are very conceited, would not attend to him. That, however, would be otherwise if the whole State became the director of these studies and gave honour to them; then disciples would want to come, and there would be continuous and earnest search, and discoveries would be made; since even now, disregarded as they are by the world, and maimed of their fair proportions, and although none of their votaries can tell the use of them, still these studies

force their way by their natural charm, and very likely, if they had the help of the State, they would some day emerge into light.

Yes, he said, there is a remarkable charm in them. But I do not clearly understand the change in the order. First you began with a geometry of plane surfaces?

Yes, I said.

And you placed astronomy next, and then you made a step backward?

Yes, and I have delayed you by my hurry; the ludicrous state of solid geometry, which, in natural order, should have followed, made me pass over this branch and go on to astronomy, or motion of solids.

True, he said.

Then assuming that the science now omitted would come into existence if encouraged by the State, let us go on to astronomy, which will be fourth.

The right order, he replied. And now, Socrates, as you rebuked the vulgar manner in which I praised astronomy before, my praise shall be given in your own spirit. For every one, as I think, must see that astronomy compels the soul to look upwards and leads us from this world to another.

Every one but myself, I said; to every one else this may be clear, but not to me.

And what then would you say?

I should rather say that those who elevate astronomy into philosophy appear to me to make us look downwards and not upwards.

What do you mean? he asked.

You, I replied, have in your mind a truly sublime conception of our knowledge of the things above. And I dare say that if a person were to throw his head back and study the fretted ceiling, you would still think that his mind was the percipient, and not his eyes. And you are very likely right, and I may be a simpleton: but, in my opinion, that knowledge only which is of being and of the unseen can make the soul look upwards, and whether a man gazes at the heavens or

blinks on the ground, seeking to learn some particular of sense, I would deny that he can learn, for nothing of that sort is matter of science; his soul is looking downwards, not upwards, whether his way to knowledge is by water or by land, whether he floats, or only lies on his back.

I acknowledge, he said, the justice of your rebuke. Still, I should like to ascertain how astronomy can be learned in any manner more conducive to that knowledge of which we are speaking?

I will tell you, I said: The starry heaven which we behold is wrought upon a visible ground, and therefore, although the fairest and most perfect of visible things, must necessarily be deemed inferior far to the true motions of absolute swiftness and absolute slowness, which are relative to each other, and carry with them that which is contained in them, in the true number and in every true figure. Now, these are to be apprehended by reason and intelligence, but not by sight.

True, he replied.

The spangled heavens should be used as a pattern and with a view to that higher knowledge; their beauty is like the beauty of figures or pictures excellently wrought by the hand of Daedalus, or some other great artist, which we may chance to behold; any geometrician who saw them would appreciate the exquisiteness of their workmanship, but he would never dream of thinking that in them he could find the true equal or the true double, or the truth of any other proportion.

No, he replied, such an idea would be ridiculous.

And will not a true astronomer have the same feeling when he looks at the movements of the stars? Will he not think that heaven and the things in heaven are framed by the Creator of them in the most perfect manner? But he will never imagine that the proportions of night and day, or of both to the month, or of the month to the year, or of the stars to these and to one another, and any other things that are material and visible can also be eternal and subject to no deviation—that would be absurd; and it is equally absurd to take so much pains in investigating their exact truth.

I quite agree, though I never thought of this before.

Then, I said, in astronomy, as in geometry, we should employ problems, and let the heavens alone if we would approach the subject in the right way and so make the natural gift of reason to be of any real use.

That, he said, is a work infinitely beyond our present astronomers.

Yes, I said; and there are many other things which must also have a similar extension given to them, if our legislation is to be of any value. But can you tell me of any other suitable study?

No, he said, not without thinking.

Motion, I said, has many forms, and not one only; two of them are obvious enough even to wits no better than ours; and there are others, as I imagine, which may be left to wiser persons.

But where are the two?

There is a second, I said, which is the counterpart of the one already named.

And what may that be?

The second, I said, would seem relatively to the ears to be what the first is to the eyes; for I conceive that as the eyes are designed to look up at the stars, so are the ears to hear harmonious motions; and these are sister sciences—as the Pythagoreans say, and we, Glaucon, agree with them?

Yes, he replied.

But this, I said, is a laborious study, and therefore we had better go and learn of them; and they will tell us whether there are any other applications of these sciences. At the same time, we must not lose sight of our own higher object.

What is that?

There is a perfection which all knowledge ought to reach, and which our pupils ought also to attain, and not to fall short of, as I was saying that they did in astronomy. For in the science of harmony, as you probably know, the same thing happens. The teachers of harmony compare the sounds and consonances which are heard only, and their labour, like that of the astronomers, is in vain.

Yes, by heaven! he said; and 'tis as good as a play to hear them

talking about their condensed notes, as they call them; they put their ears close alongside of the strings like persons catching a sound from their neighbour's wall—one set of them declaring that they distinguish an intermediate note and have found the least interval which should be the unit of measurement; the others insisting that the two sounds have passed into the same—either party setting their ears before their understanding.

You mean, I said, those gentlemen who tease and torture the strings and rack them on the pegs of the instrument: I might carry on the metaphor and speak after their manner of the blows which the plectrum gives, and make accusations against the strings, both of backwardness and forwardness to sound; but this would be tedious, and therefore I will only say that these are not the men, and that I am referring to the Pythagoreans, of whom I was just now proposing to enquire about harmony. For they too are in error, like the astronomers; they investigate the numbers of the harmonies which are heard, but they never attain to problems—that is to say, they never reach the natural harmonies of number, or reflect why some numbers are harmonious and others not.

That, he said, is a thing of more than mortal knowledge.

A thing, I replied, which I would rather call useful; that is, if sought after with a view to the beautiful and good; but if pursued in any other spirit, useless.

Very true, he said.

Now, when all these studies reach the point of inter-communion and connection with one another, and come to be considered in their mutual affinities, then, I think, but not till then, will the pursuit of them have a value for our objects; otherwise there is no profit in them.

I suspect so; but you are speaking, Socrates, of a vast work.

What do you mean? I said; the prelude or what? Do you not know that all this is but the prelude to the actual strain which we have to learn? For you surely would not regard the skilled mathematician as a dialectician?

Assuredly not, he said; I have hardly ever known a mathematician who was capable of reasoning.

But do you imagine that men who are unable to give and take a reason will have the knowledge which we require of them?

Neither can this be supposed.

And so, Glaucon, I said, we have at last arrived at the hymn of dialectic. This is that strain which is of the intellect only, but which the faculty of sight will nevertheless be found to imitate; for sight, as you may remember, was imagined by us after a while to behold the real animals and stars, and last of all the sun himself. And so with dialectic; when a person starts on the discovery of the absolute by the light of reason only, and without any assistance of sense, and perseveres until by pure intelligence he arrives at the perception of the absolute good, he at last finds himself at the end of the intellectual world, as in the case of sight at the end of the visible.

Exactly, he said.

Then this is the progress which you call dialectic?

True.

But the release of the prisoners from chains, and their translation from the shadows to the images and to the light, and the ascent from the underground den to the sun, while in his presence they are vainly trying to look on animals and plants and the light of the sun, but are able to perceive even with their weak eyes the images in the water (which are divine), and are the shadows of true existence (not shadows of images cast by a light of fire, which compared with the sun is only an image)—this power of elevating the highest principle in the soul to the contemplation of that which is best in existence, with which we may compare the raising of that faculty which is the very light of the body to the sight of that which is brightest in the material and visible world—this power is given, as I was saying, by all that study and pursuit of the arts which has been described.

I agree in what you are saying, he replied, which may be hard to believe, yet, from another point of view, is harder still to deny. This, however, is not a theme to be treated of in passing only, but will have to be discussed again and again. And so, whether our conclusion

be true or false, let us assume all this, and proceed at once from the prelude or preamble to the chief strain (A play upon the Greek word, which means both 'law' and 'strain.'). and describe that in like manner. Say, then, what is the nature and what are the divisions of dialectic, and what are the paths which lead thither; for these paths will also lead to our final rest.

Dear Glaucon, I said, you will not be able to follow me here, though I would do my best, and you should behold not an image only but the absolute truth, according to my notion. Whether what I told you would or would not have been a reality I cannot venture to say; but you would have seen something like reality; of that I am confident.

Doubtless, he replied.

But I must also remind you, that the power of dialectic alone can reveal this, and only to one who is a disciple of the previous sciences.

Of that assertion you may be as confident as of the last.

And assuredly no one will argue that there is any other method of comprehending by any regular process all true existence or of ascertaining what each thing is in its own nature; for the arts in general are concerned with the desires or opinions of men, or are cultivated with a view to production and construction, or for the preservation of such productions and constructions; and as to the mathematical sciences which, as we were saying, have some apprehension of true being—geometry and the like—they only dream about being, but never can they behold the waking reality so long as they leave the hypotheses which they use unexamined, and are unable to give an account of them. For when a man knows not his own first principle, and when the conclusion and intermediate steps are also constructed out of he knows not what, how can he imagine that such a fabric of convention can ever become science?

Impossible, he said.

Then dialectic, and dialectic alone, goes directly to the first principle and is the only science which does away with hypotheses in order to make her ground secure; the eye of the soul, which is

literally buried in an outlandish slough, is by her gentle aid lifted upwards; and she uses as handmaids and helpers in the work of conversion, the sciences which we have been discussing. Custom terms them sciences, but they ought to have some other name, implying greater clearness than opinion and less clearness than science: and this, in our previous sketch, was called understanding. But why should we dispute about names when we have realities of such importance to consider?

Why indeed, he said, when any name will do which expresses the thought of the mind with clearness?

At any rate, we are satisfied, as before, to have four divisions; two for intellect and two for opinion, and to call the first division science, the second understanding, the third belief, and the fourth perception of shadows, opinion being concerned with becoming, and intellect with being; and so to make a proportion:—

As being is to becoming, so is pure intellect to opinion. And as intellect is to opinion, so is science to belief, and understanding to the perception of shadows.

But let us defer the further correlation and subdivision of the subjects of opinion and of intellect, for it will be a long enquiry, many times longer than this has been.

As far as I understand, he said, I agree.

And do you also agree, I said, in describing the dialectician as one who attains a conception of the essence of each thing? And he who does not possess and is therefore unable to impart this conception, in whatever degree he fails, may in that degree also be said to fail in intelligence? Will you admit so much?

Yes, he said; how can I deny it?

And you would say the same of the conception of the good? Until the person is able to abstract and define rationally the idea of good, and unless he can run the gauntlet of all objections, and is ready to disprove them, not by appeals to opinion, but to absolute truth, never faltering at any step of the argument—unless he can do all this, you would say that he knows neither the idea of good nor any other good; he apprehends only a shadow, if anything at all, which is given

by opinion and not by science;—dreaming and slumbering in this life, before he is well awake here, he arrives at the world below, and has his final quietus.

In all that I should most certainly agree with you.

And surely you would not have the children of your ideal State, whom you are nurturing and educating—if the ideal ever becomes a reality—you would not allow the future rulers to be like posts (Literally ‘lines,’ probably the starting-point of a race-course.), having no reason in them, and yet to be set in authority over the highest matters?

Certainly not.

Then you will make a law that they shall have such an education as will enable them to attain the greatest skill in asking and answering questions?

Yes, he said, you and I together will make it.

Dialectic, then, as you will agree, is the coping-stone of the sciences, and is set over them; no other science can be placed higher—the nature of knowledge can no further go?

I agree, he said.

But to whom we are to assign these studies, and in what way they are to be assigned, are questions which remain to be considered.

Yes, clearly.

You remember, I said, how the rulers were chosen before?

Certainly, he said.

The same natures must still be chosen, and the preference again given to the surest and the bravest, and, if possible, to the fairest; and, having noble and generous tempers, they should also have the natural gifts which will facilitate their education.

And what are these?

Such gifts as keenness and ready powers of acquisition; for the mind more often faints from the severity of study than from the severity of gymnastics: the toil is more entirely the mind’s own, and is not shared with the body.

Very true, he replied.

Further, he of whom we are in search should have a good memory,

and be an unwearied solid man who is a lover of labour in any line; or he will never be able to endure the great amount of bodily exercise and to go through all the intellectual discipline and study which we require of him.

Certainly, he said; he must have natural gifts.

The mistake at present is, that those who study philosophy have no vocation, and this, as I was before saying, is the reason why she has fallen into disrepute: her true sons should take her by the hand and not bastards.

What do you mean?

In the first place, her votary should not have a lame or halting industry—I mean, that he should not be half industrious and half idle: as, for example, when a man is a lover of gymnastic and hunting, and all other bodily exercises, but a hater rather than a lover of the labour of learning or listening or enquiring. Or the occupation to which he devotes himself may be of an opposite kind, and he may have the other sort of lameness.

Certainly, he said.

And as to truth, I said, is not a soul equally to be deemed halt and lame which hates voluntary falsehood and is extremely indignant at herself and others when they tell lies, but is patient of involuntary falsehood, and does not mind wallowing like a swinish beast in the mire of ignorance, and has no shame at being detected?

To be sure.

And, again, in respect of temperance, courage, magnificence, and every other virtue, should we not carefully distinguish between the true son and the bastard? for where there is no discernment of such qualities states and individuals unconsciously err; and the state makes a ruler, and the individual a friend, of one who, being defective in some part of virtue, is in a figure lame or a bastard.

That is very true, he said.

All these things, then, will have to be carefully considered by us; and if only those whom we introduce to this vast system of education and training are sound in body and mind, justice herself will have nothing to say against us, and we shall be the saviours

of the constitution and of the State; but, if our pupils are men of another stamp, the reverse will happen, and we shall pour a still greater flood of ridicule on philosophy than she has to endure at present.

That would not be creditable.

Certainly not, I said; and yet perhaps, in thus turning jest into earnest I am equally ridiculous.

In what respect?

I had forgotten, I said, that we were not serious, and spoke with too much excitement. For when I saw philosophy so undeservedly trampled under foot of men I could not help feeling a sort of indignation at the authors of her disgrace: and my anger made me too vehement.

Indeed! I was listening, and did not think so.

But I, who am the speaker, felt that I was. And now let me remind you that, although in our former selection we chose old men, we must not do so in this. Solon was under a delusion when he said that a man when he grows old may learn many things—for he can no more learn much than he can run much; youth is the time for any extraordinary toil.

Of course.

And, therefore, calculation and geometry and all the other elements of instruction, which are a preparation for dialectic, should be presented to the mind in childhood; not, however, under any notion of forcing our system of education.

Why not?

Because a freeman ought not to be a slave in the acquisition of knowledge of any kind. Bodily exercise, when compulsory, does no harm to the body; but knowledge which is acquired under compulsion obtains no hold on the mind.

Very true.

Then, my good friend, I said, do not use compulsion, but let early education be a sort of amusement; you will then be better able to find out the natural bent.

That is a very rational notion, he said.

Do you remember that the children, too, were to be taken to see the battle on horseback; and that if there were no danger they were to be brought close up and, like young hounds, have a taste of blood given them?

Yes, I remember.

The same practice may be followed, I said, in all these things—labours, lessons, dangers—and he who is most at home in all of them ought to be enrolled in a select number.

At what age?

At the age when the necessary gymnastics are over: the period whether of two or three years which passes in this sort of training is useless for any other purpose; for sleep and exercise are unpropitious to learning; and the trial of who is first in gymnastic exercises is one of the most important tests to which our youth are subjected.

Certainly, he replied.

After that time those who are selected from the class of twenty years old will be promoted to higher honour, and the sciences which they learned without any order in their early education will now be brought together, and they will be able to see the natural relationship of them to one another and to true being.

Yes, he said, that is the only kind of knowledge which takes lasting root.

Yes, I said; and the capacity for such knowledge is the great criterion of dialectical talent: the comprehensive mind is always the dialectical.

I agree with you, he said.

These, I said, are the points which you must consider; and those who have most of this comprehension, and who are most steadfast in their learning, and in their military and other appointed duties, when they have arrived at the age of thirty have to be chosen by you out of the select class, and elevated to higher honour; and you will have to prove them by the help of dialectic, in order to learn which of them is able to give up the use of sight and the other senses, and

in company with truth to attain absolute being: And here, my friend, great caution is required.

Why great caution?

Do you not remark, I said, how great is the evil which dialectic has introduced?

What evil? he said.

The students of the art are filled with lawlessness.

Quite true, he said.

Do you think that there is anything so very unnatural or inexcusable in their case? or will you make allowance for them?

In what way make allowance?

I want you, I said, by way of parallel, to imagine a supposititious son who is brought up in great wealth; he is one of a great and numerous family, and has many flatterers. When he grows up to manhood, he learns that his alleged are not his real parents; but who the real are he is unable to discover. Can you guess how he will be likely to behave towards his flatterers and his supposed parents, first of all during the period when he is ignorant of the false relation, and then again when he knows? Or shall I guess for you?

If you please.

Then I should say, that while he is ignorant of the truth he will be likely to honour his father and his mother and his supposed relations more than the flatterers; he will be less inclined to neglect them when in need, or to do or say anything against them; and he will be less willing to disobey them in any important matter.

He will.

But when he has made the discovery, I should imagine that he would diminish his honour and regard for them, and would become more devoted to the flatterers; their influence over him would greatly increase; he would now live after their ways, and openly associate with them, and, unless he were of an unusually good disposition, he would trouble himself no more about his supposed parents or other relations.

Well, all that is very probable. But how is the image applicable to the disciples of philosophy?

In this way: you know that there are certain principles about justice and honour, which were taught us in childhood, and under their parental authority we have been brought up, obeying and honouring them.

That is true.

There are also opposite maxims and habits of pleasure which flatter and attract the soul, but do not influence those of us who have any sense of right, and they continue to obey and honour the maxims of their fathers.

True.

Now, when a man is in this state, and the questioning spirit asks what is fair or honourable, and he answers as the legislator has taught him, and then arguments many and diverse refute his words, until he is driven into believing that nothing is honourable any more than dishonourable, or just and good any more than the reverse, and so of all the notions which he most valued, do you think that he will still honour and obey them as before?

Impossible.

And when he ceases to think them honourable and natural as heretofore, and he fails to discover the true, can he be expected to pursue any life other than that which flatters his desires?

He cannot.

And from being a keeper of the law he is converted into a breaker of it?

Unquestionably.

Now all this is very natural in students of philosophy such as I have described, and also, as I was just now saying, most excusable.

Yes, he said; and, I may add, pitiable.

Therefore, that your feelings may not be moved to pity about our citizens who are now thirty years of age, every care must be taken in introducing them to dialectic.

Certainly.

There is a danger lest they should taste the dear delight too early; for youngsters, as you may have observed, when they first get the taste in their mouths, argue for amusement, and are always

contradicting and refuting others in imitation of those who refute them; like puppy-dogs, they rejoice in pulling and tearing at all who come near them.

Yes, he said, there is nothing which they like better.

And when they have made many conquests and received defeats at the hands of many, they violently and speedily get into a way of not believing anything which they believed before, and hence, not only they, but philosophy and all that relates to it is apt to have a bad name with the rest of the world.

Too true, he said.

But when a man begins to get older, he will no longer be guilty of such insanity; he will imitate the dialectician who is seeking for truth, and not the eristic, who is contradicting for the sake of amusement; and the greater moderation of his character will increase instead of diminishing the honour of the pursuit.

Very true, he said.

And did we not make special provision for this, when we said that the disciples of philosophy were to be orderly and steadfast, not, as now, any chance aspirant or intruder?

Very true.

Suppose, I said, the study of philosophy to take the place of gymnastics and to be continued diligently and earnestly and exclusively for twice the number of years which were passed in bodily exercise—will that be enough?

Would you say six or four years? he asked.

Say five years, I replied; at the end of the time they must be sent down again into the den and compelled to hold any military or other office which young men are qualified to hold: in this way they will get their experience of life, and there will be an opportunity of trying whether, when they are drawn all manner of ways by temptation, they will stand firm or flinch.

And how long is this stage of their lives to last?

Fifteen years, I answered; and when they have reached fifty years of age, then let those who still survive and have distinguished themselves in every action of their lives and in every branch of

knowledge come at last to their consummation: the time has now arrived at which they must raise the eye of the soul to the universal light which lightens all things, and behold the absolute good; for that is the pattern according to which they are to order the State and the lives of individuals, and the remainder of their own lives also; making philosophy their chief pursuit, but, when their turn comes, toiling also at politics and ruling for the public good, not as though they were performing some heroic action, but simply as a matter of duty; and when they have brought up in each generation others like themselves and left them in their place to be governors of the State, then they will depart to the Islands of the Blest and dwell there; and the city will give them public memorials and sacrifices and honour them, if the Pythian oracle consent, as demigods, but if not, as in any case blessed and divine.

You are a sculptor, Socrates, and have made statues of our governors faultless in beauty.

Yes, I said, Glaucon, and of our governesses too; for you must not suppose that what I have been saying applies to men only and not to women as far as their natures can go.

There you are right, he said, since we have made them to share in all things like the men.

Well, I said, and you would agree (would you not?) that what has been said about the State and the government is not a mere dream, and although difficult not impossible, but only possible in the way which has been supposed; that is to say, when the true philosopher kings are born in a State, one or more of them, despising the honours of this present world which they deem mean and worthless, esteeming above all things right and the honour that springs from right, and regarding justice as the greatest and most necessary of all things, whose ministers they are, and whose principles will be exalted by them when they set in order their own city?

How will they proceed?

They will begin by sending out into the country all the inhabitants of the city who are more than ten years old, and will take possession

of their children, who will be unaffected by the habits of their parents; these they will train in their own habits and laws, I mean in the laws which we have given them: and in this way the State and constitution of which we were speaking will soonest and most easily attain happiness, and the nation which has such a constitution will gain most.

Yes, that will be the best way. And I think, Socrates, that you have very well described how, if ever, such a constitution might come into being.

Enough then of the perfect State, and of the man who bears its image—there is no difficulty in seeing how we shall describe him.

There is no difficulty, he replied; and I agree with you in thinking that nothing more need be said.

# 8. Plato: The Republic, Book VII (Part 2)

## BOOK VII.

And now, I said, let me show in a figure how far our nature is enlightened or unenlightened:—Behold! human beings living in a underground den, which has a mouth open towards the light and reaching all along the den; here they have been from their childhood, and have their legs and necks chained so that they cannot move, and can only see before them, being prevented by the chains from turning round their heads. Above and behind them a fire is blazing at a distance, and between the fire and the prisoners there is a raised way; and you will see, if you look, a low wall built along the way, like the screen which marionette players have in front of them, over which they show the puppets.

I see.

And do you see, I said, men passing along the wall carrying all sorts of vessels, and statues and figures of animals made of wood and stone and various materials, which appear over the wall? Some of them are talking, others silent.

You have shown me a strange image, and they are strange prisoners.

Like ourselves, I replied; and they see only their own shadows, or the shadows of one another, which the fire throws on the opposite wall of the cave?

True, he said; how could they see anything but the shadows if they were never allowed to move their heads?

And of the objects which are being carried in like manner they would only see the shadows?

Yes, he said.

And if they were able to converse with one another, would they not suppose that they were naming what was actually before them?

Very true.

And suppose further that the prison had an echo which came from the other side, would they not be sure to fancy when one of the passers-by spoke that the voice which they heard came from the passing shadow?

No question, he replied.

To them, I said, the truth would be literally nothing but the shadows of the images.

That is certain.

And now look again, and see what will naturally follow if the prisoners are released and disabused of their error. At first, when any of them is liberated and compelled suddenly to stand up and turn his neck round and walk and look towards the light, he will suffer sharp pains; the glare will distress him, and he will be unable to see the realities of which in his former state he had seen the shadows; and then conceive some one saying to him, that what he saw before was an illusion, but that now, when he is approaching nearer to being and his eye is turned towards more real existence, he has a clearer vision,—what will be his reply? And you may further imagine that his instructor is pointing to the objects as they pass and requiring him to name them,—will he not be perplexed? Will he not fancy that the shadows which he formerly saw are truer than the objects which are now shown to him?

Far truer.

And if he is compelled to look straight at the light, will he not have a pain in his eyes which will make him turn away to take refuge in the objects of vision which he can see, and which he will conceive to be in reality clearer than the things which are now being shown to him?

True, he said.

And suppose once more, that he is reluctantly dragged up a steep and rugged ascent, and held fast until he is forced into the presence of the sun himself, is he not likely to be pained and irritated? When

he approaches the light his eyes will be dazzled, and he will not be able to see anything at all of what are now called realities.

Not all in a moment, he said.

He will require to grow accustomed to the sight of the upper world. And first he will see the shadows best, next the reflections of men and other objects in the water, and then the objects themselves; then he will gaze upon the light of the moon and the stars and the spangled heaven; and he will see the sky and the stars by night better than the sun or the light of the sun by day?

Certainly.

Last of all he will be able to see the sun, and not mere reflections of him in the water, but he will see him in his own proper place, and not in another; and he will contemplate him as he is.

Certainly.

He will then proceed to argue that this is he who gives the season and the years, and is the guardian of all that is in the visible world, and in a certain way the cause of all things which he and his fellows have been accustomed to behold?

Clearly, he said, he would first see the sun and then reason about him.

And when he remembered his old habitation, and the wisdom of the den and his fellow-prisoners, do you not suppose that he would felicitate himself on the change, and pity them?

Certainly, he would.

And if they were in the habit of conferring honours among themselves on those who were quickest to observe the passing shadows and to remark which of them went before, and which followed after, and which were together; and who were therefore best able to draw conclusions as to the future, do you think that he would care for such honours and glories, or envy the possessors of them? Would he not say with Homer,

‘Better to be the poor servant of a poor master,’

and to endure anything, rather than think as they do and live after their manner?

Yes, he said, I think that he would rather suffer anything than entertain these false notions and live in this miserable manner.

Imagine once more, I said, such an one coming suddenly out of the sun to be replaced in his old situation; would he not be certain to have his eyes full of darkness?

To be sure, he said.

And if there were a contest, and he had to compete in measuring the shadows with the prisoners who had never moved out of the den, while his sight was still weak, and before his eyes had become steady (and the time which would be needed to acquire this new habit of sight might be very considerable), would he not be ridiculous? Men would say of him that up he went and down he came without his eyes; and that it was better not even to think of ascending; and if any one tried to loose another and lead him up to the light, let them only catch the offender, and they would put him to death.

No question, he said.

This entire allegory, I said, you may now append, dear Glaucon, to the previous argument; the prison-house is the world of sight, the light of the fire is the sun, and you will not misapprehend me if you interpret the journey upwards to be the ascent of the soul into the intellectual world according to my poor belief, which, at your desire, I have expressed—whether rightly or wrongly God knows. But, whether true or false, my opinion is that in the world of knowledge the idea of good appears last of all, and is seen only with an effort; and, when seen, is also inferred to be the universal author of all things beautiful and right, parent of light and of the lord of light in this visible world, and the immediate source of reason and truth in the intellectual; and that this is the power upon which he who would act rationally either in public or private life must have his eye fixed.

I agree, he said, as far as I am able to understand you.

Moreover, I said, you must not wonder that those who attain to this beatific vision are unwilling to descend to human affairs; for their souls are ever hastening into the upper world where they

desire to dwell; which desire of theirs is very natural, if our allegory may be trusted.

Yes, very natural.

And is there anything surprising in one who passes from divine contemplations to the evil state of man, misbehaving himself in a ridiculous manner; if, while his eyes are blinking and before he has become accustomed to the surrounding darkness, he is compelled to fight in courts of law, or in other places, about the images or the shadows of images of justice, and is endeavouring to meet the conceptions of those who have never yet seen absolute justice?

Anything but surprising, he replied.

Any one who has common sense will remember that the bewilderments of the eyes are of two kinds, and arise from two causes, either from coming out of the light or from going into the light, which is true of the mind's eye, quite as much as of the bodily eye; and he who remembers this when he sees any one whose vision is perplexed and weak, will not be too ready to laugh; he will first ask whether that soul of man has come out of the brighter life, and is unable to see because unaccustomed to the dark, or having turned from darkness to the day is dazzled by excess of light. And he will count the one happy in his condition and state of being, and he will pity the other; or, if he have a mind to laugh at the soul which comes from below into the light, there will be more reason in this than in the laugh which greets him who returns from above out of the light into the den.

That, he said, is a very just distinction.

But then, if I am right, certain professors of education must be wrong when they say that they can put a knowledge into the soul which was not there before, like sight into blind eyes.

They undoubtedly say this, he replied.

Whereas, our argument shows that the power and capacity of learning exists in the soul already; and that just as the eye was unable to turn from darkness to light without the whole body, so too the instrument of knowledge can only by the movement of the whole soul be turned from the world of becoming into that of

being, and learn by degrees to endure the sight of being, and of the brightest and best of being, or in other words, of the good.

Very true.

And must there not be some art which will effect conversion in the easiest and quickest manner; not implanting the faculty of sight, for that exists already, but has been turned in the wrong direction, and is looking away from the truth?

Yes, he said, such an art may be presumed.

And whereas the other so-called virtues of the soul seem to be akin to bodily qualities, for even when they are not originally innate they can be implanted later by habit and exercise, the virtue of wisdom more than anything else contains a divine element which always remains, and by this conversion is rendered useful and profitable; or, on the other hand, hurtful and useless. Did you never observe the narrow intelligence flashing from the keen eye of a clever rogue—how eager he is, how clearly his paltry soul sees the way to his end; he is the reverse of blind, but his keen eye-sight is forced into the service of evil, and he is mischievous in proportion to his cleverness?

Very true, he said.

But what if there had been a circumcision of such natures in the days of their youth; and they had been severed from those sensual pleasures, such as eating and drinking, which, like leaden weights, were attached to them at their birth, and which drag them down and turn the vision of their souls upon the things that are below—if, I say, they had been released from these impediments and turned in the opposite direction, the very same faculty in them would have seen the truth as keenly as they see what their eyes are turned to now.

Very likely.

Yes, I said; and there is another thing which is likely, or rather a necessary inference from what has preceded, that neither the uneducated and uninformed of the truth, nor yet those who never make an end of their education, will be able ministers of State; not the former, because they have no single aim of duty which is the rule

of all their actions, private as well as public; nor the latter, because they will not act at all except upon compulsion, fancying that they are already dwelling apart in the islands of the blest.

Very true, he replied.

Then, I said, the business of us who are the founders of the State will be to compel the best minds to attain that knowledge which we have already shown to be the greatest of all—they must continue to ascend until they arrive at the good; but when they have ascended and seen enough we must not allow them to do as they do now.

What do you mean?

I mean that they remain in the upper world: but this must not be allowed; they must be made to descend again among the prisoners in the den, and partake of their labours and honours, whether they are worth having or not.

But is not this unjust? he said; ought we to give them a worse life, when they might have a better?

You have again forgotten, my friend, I said, the intention of the legislator, who did not aim at making any one class in the State happy above the rest; the happiness was to be in the whole State, and he held the citizens together by persuasion and necessity, making them benefactors of the State, and therefore benefactors of one another; to this end he created them, not to please themselves, but to be his instruments in binding up the State.

True, he said, I had forgotten.

Observe, Glaucon, that there will be no injustice in compelling our philosophers to have a care and providence of others; we shall explain to them that in other States, men of their class are not obliged to share in the toils of politics: and this is reasonable, for they grow up at their own sweet will, and the government would rather not have them. Being self-taught, they cannot be expected to show any gratitude for a culture which they have never received. But we have brought you into the world to be rulers of the hive, kings of yourselves and of the other citizens, and have educated you far better and more perfectly than they have been educated, and you are better able to share in the double duty. Wherefore

each of you, when his turn comes, must go down to the general underground abode, and get the habit of seeing in the dark. When you have acquired the habit, you will see ten thousand times better than the inhabitants of the den, and you will know what the several images are, and what they represent, because you have seen the beautiful and just and good in their truth. And thus our State, which is also yours, will be a reality, and not a dream only, and will be administered in a spirit unlike that of other States, in which men fight with one another about shadows only and are distracted in the struggle for power, which in their eyes is a great good. Whereas the truth is that the State in which the rulers are most reluctant to govern is always the best and most quietly governed, and the State in which they are most eager, the worst.

Quite true, he replied.

And will our pupils, when they hear this, refuse to take their turn at the toils of State, when they are allowed to spend the greater part of their time with one another in the heavenly light?

Impossible, he answered; for they are just men, and the commands which we impose upon them are just; there can be no doubt that every one of them will take office as a stern necessity, and not after the fashion of our present rulers of State.

Yes, my friend, I said; and there lies the point. You must contrive for your future rulers another and a better life than that of a ruler, and then you may have a well-ordered State; for only in the State which offers this, will they rule who are truly rich, not in silver and gold, but in virtue and wisdom, which are the true blessings of life. Whereas if they go to the administration of public affairs, poor and hungering after their own private advantage, thinking that hence they are to snatch the chief good, order there can never be; for they will be fighting about office, and the civil and domestic broils which thus arise will be the ruin of the rulers themselves and of the whole State.

Most true, he replied.

And the only life which looks down upon the life of political ambition is that of true philosophy. Do you know of any other?

Indeed, I do not, he said.

And those who govern ought not to be lovers of the task? For, if they are, there will be rival lovers, and they will fight.

No question.

Who then are those whom we shall compel to be guardians? Surely they will be the men who are wisest about affairs of State, and by whom the State is best administered, and who at the same time have other honours and another and a better life than that of politics?

They are the men, and I will choose them, he replied.

And now shall we consider in what way such guardians will be produced, and how they are to be brought from darkness to light,—as some are said to have ascended from the world below to the gods?

By all means, he replied.

The process, I said, is not the turning over of an oyster-shell (In allusion to a game in which two parties fled or pursued according as an oyster-shell which was thrown into the air fell with the dark or light side uppermost.), but the turning round of a soul passing from a day which is little better than night to the true day of being, that is, the ascent from below, which we affirm to be true philosophy?

Quite so.

And should we not enquire what sort of knowledge has the power of effecting such a change?

Certainly.

What sort of knowledge is there which would draw the soul from becoming to being? And another consideration has just occurred to me: You will remember that our young men are to be warrior athletes?

Yes, that was said.

Then this new kind of knowledge must have an additional quality?

What quality?

Usefulness in war.

Yes, if possible.

There were two parts in our former scheme of education, were there not?

Just so.

There was gymnastic which presided over the growth and decay of the body, and may therefore be regarded as having to do with generation and corruption?

True.

Then that is not the knowledge which we are seeking to discover?

No.

But what do you say of music, which also entered to a certain extent into our former scheme?

Music, he said, as you will remember, was the counterpart of gymnastic, and trained the guardians by the influences of habit, by harmony making them harmonious, by rhythm rhythmical, but not giving them science; and the words, whether fabulous or possibly true, had kindred elements of rhythm and harmony in them. But in music there was nothing which tended to that good which you are now seeking.

You are most accurate, I said, in your recollection; in music there certainly was nothing of the kind. But what branch of knowledge is there, my dear Glaucon, which is of the desired nature; since all the useful arts were reckoned mean by us?

Undoubtedly; and yet if music and gymnastic are excluded, and the arts are also excluded, what remains?

Well, I said, there may be nothing left of our special subjects; and then we shall have to take something which is not special, but of universal application.

What may that be?

A something which all arts and sciences and intelligences use in common, and which every one first has to learn among the elements of education.

What is that?

The little matter of distinguishing one, two, and three—in a word, number and calculation:—do not all arts and sciences necessarily partake of them?

Yes.

Then the art of war partakes of them?

To be sure.

Then Palamedes, whenever he appears in tragedy, proves Agamemnon ridiculously unfit to be a general. Did you never remark how he declares that he had invented number, and had numbered the ships and set in array the ranks of the army at Troy; which implies that they had never been numbered before, and Agamemnon must be supposed literally to have been incapable of counting his own feet—how could he if he was ignorant of number? And if that is true, what sort of general must he have been?

I should say a very strange one, if this was as you say.

Can we deny that a warrior should have a knowledge of arithmetic?

Certainly he should, if he is to have the smallest understanding of military tactics, or indeed, I should rather say, if he is to be a man at all.

I should like to know whether you have the same notion which I have of this study?

What is your notion?

It appears to me to be a study of the kind which we are seeking, and which leads naturally to reflection, but never to have been rightly used; for the true use of it is simply to draw the soul towards being.

Will you explain your meaning? he said.

I will try, I said; and I wish you would share the enquiry with me, and say 'yes' or 'no' when I attempt to distinguish in my own mind what branches of knowledge have this attracting power, in order that we may have clearer proof that arithmetic is, as I suspect, one of them.

Explain, he said.

I mean to say that objects of sense are of two kinds; some of them do not invite thought because the sense is an adequate judge of them; while in the case of other objects sense is so untrustworthy that further enquiry is imperatively demanded.

You are clearly referring, he said, to the manner in which the senses are imposed upon by distance, and by painting in light and shade.

No, I said, that is not at all my meaning.

Then what is your meaning?

When speaking of uninviting objects, I mean those which do not pass from one sensation to the opposite; inviting objects are those which do; in this latter case the sense coming upon the object, whether at a distance or near, gives no more vivid idea of anything in particular than of its opposite. An illustration will make my meaning clearer:—here are three fingers—a little finger, a second finger, and a middle finger.

Very good.

You may suppose that they are seen quite close: And here comes the point.

What is it?

Each of them equally appears a finger, whether seen in the middle or at the extremity, whether white or black, or thick or thin—it makes no difference; a finger is a finger all the same. In these cases a man is not compelled to ask of thought the question what is a finger? for the sight never intimates to the mind that a finger is other than a finger.

True.

And therefore, I said, as we might expect, there is nothing here which invites or excites intelligence.

There is not, he said.

But is this equally true of the greatness and smallness of the fingers? Can sight adequately perceive them? and is no difference made by the circumstance that one of the fingers is in the middle and another at the extremity? And in like manner does the touch adequately perceive the qualities of thickness or thinness, of softness or hardness? And so of the other senses; do they give perfect intimations of such matters? Is not their mode of operation on this wise—the sense which is concerned with the quality of hardness is necessarily concerned also with the quality of softness,

and only intimates to the soul that the same thing is felt to be both hard and soft?

You are quite right, he said.

And must not the soul be perplexed at this intimation which the sense gives of a hard which is also soft? What, again, is the meaning of light and heavy, if that which is light is also heavy, and that which is heavy, light?

Yes, he said, these intimations which the soul receives are very curious and require to be explained.

Yes, I said, and in these perplexities the soul naturally summons to her aid calculation and intelligence, that she may see whether the several objects announced to her are one or two.

True.

And if they turn out to be two, is not each of them one and different?

Certainly.

And if each is one, and both are two, she will conceive the two as in a state of division, for if there were undivided they could only be conceived of as one?

True.

The eye certainly did see both small and great, but only in a confused manner; they were not distinguished.

Yes.

Whereas the thinking mind, intending to light up the chaos, was compelled to reverse the process, and look at small and great as separate and not confused.

Very true.

Was not this the beginning of the enquiry 'What is great?' and 'What is small?'

Exactly so.

And thus arose the distinction of the visible and the intelligible.

Most true.

This was what I meant when I spoke of impressions which invited the intellect, or the reverse—those which are simultaneous with

opposite impressions, invite thought; those which are not simultaneous do not.

I understand, he said, and agree with you.

And to which class do unity and number belong?

I do not know, he replied.

Think a little and you will see that what has preceded will supply the answer; for if simple unity could be adequately perceived by the sight or by any other sense, then, as we were saying in the case of the finger, there would be nothing to attract towards being; but when there is some contradiction always present, and one is the reverse of one and involves the conception of plurality, then thought begins to be aroused within us, and the soul perplexed and wanting to arrive at a decision asks 'What is absolute unity?' This is the way in which the study of the one has a power of drawing and converting the mind to the contemplation of true being.

And surely, he said, this occurs notably in the case of one; for we see the same thing to be both one and infinite in multitude?

Yes, I said; and this being true of one must be equally true of all number?

Certainly.

And all arithmetic and calculation have to do with number?

Yes.

And they appear to lead the mind towards truth?

Yes, in a very remarkable manner.

Then this is knowledge of the kind for which we are seeking, having a double use, military and philosophical; for the man of war must learn the art of number or he will not know how to array his troops, and the philosopher also, because he has to rise out of the sea of change and lay hold of true being, and therefore he must be an arithmetician.

That is true.

And our guardian is both warrior and philosopher?

Certainly.

Then this is a kind of knowledge which legislation may fitly prescribe; and we must endeavour to persuade those who are to be

the principal men of our State to go and learn arithmetic, not as amateurs, but they must carry on the study until they see the nature of numbers with the mind only; nor again, like merchants or retail-traders, with a view to buying or selling, but for the sake of their military use, and of the soul herself; and because this will be the easiest way for her to pass from becoming to truth and being.

That is excellent, he said.

Yes, I said, and now having spoken of it, I must add how charming the science is! and in how many ways it conduces to our desired end, if pursued in the spirit of a philosopher, and not of a shopkeeper!

How do you mean?

I mean, as I was saying, that arithmetic has a very great and elevating effect, compelling the soul to reason about abstract number, and rebelling against the introduction of visible or tangible objects into the argument. You know how steadily the masters of the art repel and ridicule any one who attempts to divide absolute unity when he is calculating, and if you divide, they multiply (Meaning either (1) that they integrate the number because they deny the possibility of fractions; or (2) that division is regarded by them as a process of multiplication, for the fractions of one continue to be units.), taking care that one shall continue one and not become lost in fractions.

That is very true.

Now, suppose a person were to say to them: O my friends, what are these wonderful numbers about which you are reasoning, in which, as you say, there is a unity such as you demand, and each unit is equal, invariable, indivisible,—what would they answer?

They would answer, as I should conceive, that they were speaking of those numbers which can only be realized in thought.

Then you see that this knowledge may be truly called necessary, necessitating as it clearly does the use of the pure intelligence in the attainment of pure truth?

Yes; that is a marked characteristic of it.

And have you further observed, that those who have a natural

talent for calculation are generally quick at every other kind of knowledge; and even the dull, if they have had an arithmetical training, although they may derive no other advantage from it, always become much quicker than they would otherwise have been.

Very true, he said.

And indeed, you will not easily find a more difficult study, and not many as difficult.

You will not.

And, for all these reasons, arithmetic is a kind of knowledge in which the best natures should be trained, and which must not be given up.

I agree.

Let this then be made one of our subjects of education. And next, shall we enquire whether the kindred science also concerns us?

You mean geometry?

Exactly so.

Clearly, he said, we are concerned with that part of geometry which relates to war; for in pitching a camp, or taking up a position, or closing or extending the lines of an army, or any other military manoeuvre, whether in actual battle or on a march, it will make all the difference whether a general is or is not a geometrician.

Yes, I said, but for that purpose a very little of either geometry or calculation will be enough; the question relates rather to the greater and more advanced part of geometry—whether that tends in any degree to make more easy the vision of the idea of good; and thither, as I was saying, all things tend which compel the soul to turn her gaze towards that place, where is the full perfection of being, which she ought, by all means, to behold.

True, he said.

Then if geometry compels us to view being, it concerns us; if becoming only, it does not concern us?

Yes, that is what we assert.

Yet anybody who has the least acquaintance with geometry will not deny that such a conception of the science is in flat contradiction to the ordinary language of geometricians.

How so?

They have in view practice only, and are always speaking, in a narrow and ridiculous manner, of squaring and extending and applying and the like—they confuse the necessities of geometry with those of daily life; whereas knowledge is the real object of the whole science.

Certainly, he said.

Then must not a further admission be made?

What admission?

That the knowledge at which geometry aims is knowledge of the eternal, and not of aught perishing and transient.

That, he replied, may be readily allowed, and is true.

Then, my noble friend, geometry will draw the soul towards truth, and create the spirit of philosophy, and raise up that which is now unhappily allowed to fall down.

Nothing will be more likely to have such an effect.

Then nothing should be more sternly laid down than that the inhabitants of your fair city should by all means learn geometry. Moreover the science has indirect effects, which are not small.

Of what kind? he said.

There are the military advantages of which you spoke, I said; and in all departments of knowledge, as experience proves, any one who has studied geometry is infinitely quicker of apprehension than one who has not.

Yes indeed, he said, there is an infinite difference between them.

Then shall we propose this as a second branch of knowledge which our youth will study?

Let us do so, he replied.

And suppose we make astronomy the third—what do you say?

I am strongly inclined to it, he said; the observation of the seasons and of months and years is as essential to the general as it is to the farmer or sailor.

I am amused, I said, at your fear of the world, which makes you guard against the appearance of insisting upon useless studies; and I quite admit the difficulty of believing that in every man there is

an eye of the soul which, when by other pursuits lost and dimmed, is by these purified and re-illuminated; and is more precious far than ten thousand bodily eyes, for by it alone is truth seen. Now there are two classes of persons: one class of those who will agree with you and will take your words as a revelation; another class to whom they will be utterly unmeaning, and who will naturally deem them to be idle tales, for they see no sort of profit which is to be obtained from them. And therefore you had better decide at once with which of the two you are proposing to argue. You will very likely say with neither, and that your chief aim in carrying on the argument is your own improvement; at the same time you do not grudge to others any benefit which they may receive.

I think that I should prefer to carry on the argument mainly on my own behalf.

Then take a step backward, for we have gone wrong in the order of the sciences.

What was the mistake? he said.

After plane geometry, I said, we proceeded at once to solids in revolution, instead of taking solids in themselves; whereas after the second dimension the third, which is concerned with cubes and dimensions of depth, ought to have followed.

That is true, Socrates; but so little seems to be known as yet about these subjects.

Why, yes, I said, and for two reasons:—in the first place, no government patronises them; this leads to a want of energy in the pursuit of them, and they are difficult; in the second place, students cannot learn them unless they have a director. But then a director can hardly be found, and even if he could, as matters now stand, the students, who are very conceited, would not attend to him. That, however, would be otherwise if the whole State became the director of these studies and gave honour to them; then disciples would want to come, and there would be continuous and earnest search, and discoveries would be made; since even now, disregarded as they are by the world, and maimed of their fair proportions, and although none of their votaries can tell the use of them, still these studies

force their way by their natural charm, and very likely, if they had the help of the State, they would some day emerge into light.

Yes, he said, there is a remarkable charm in them. But I do not clearly understand the change in the order. First you began with a geometry of plane surfaces?

Yes, I said.

And you placed astronomy next, and then you made a step backward?

Yes, and I have delayed you by my hurry; the ludicrous state of solid geometry, which, in natural order, should have followed, made me pass over this branch and go on to astronomy, or motion of solids.

True, he said.

Then assuming that the science now omitted would come into existence if encouraged by the State, let us go on to astronomy, which will be fourth.

The right order, he replied. And now, Socrates, as you rebuked the vulgar manner in which I praised astronomy before, my praise shall be given in your own spirit. For every one, as I think, must see that astronomy compels the soul to look upwards and leads us from this world to another.

Every one but myself, I said; to every one else this may be clear, but not to me.

And what then would you say?

I should rather say that those who elevate astronomy into philosophy appear to me to make us look downwards and not upwards.

What do you mean? he asked.

You, I replied, have in your mind a truly sublime conception of our knowledge of the things above. And I dare say that if a person were to throw his head back and study the fretted ceiling, you would still think that his mind was the percipient, and not his eyes. And you are very likely right, and I may be a simpleton: but, in my opinion, that knowledge only which is of being and of the unseen can make the soul look upwards, and whether a man gazes at the heavens or

blinks on the ground, seeking to learn some particular of sense, I would deny that he can learn, for nothing of that sort is matter of science; his soul is looking downwards, not upwards, whether his way to knowledge is by water or by land, whether he floats, or only lies on his back.

I acknowledge, he said, the justice of your rebuke. Still, I should like to ascertain how astronomy can be learned in any manner more conducive to that knowledge of which we are speaking?

I will tell you, I said: The starry heaven which we behold is wrought upon a visible ground, and therefore, although the fairest and most perfect of visible things, must necessarily be deemed inferior far to the true motions of absolute swiftness and absolute slowness, which are relative to each other, and carry with them that which is contained in them, in the true number and in every true figure. Now, these are to be apprehended by reason and intelligence, but not by sight.

True, he replied.

The spangled heavens should be used as a pattern and with a view to that higher knowledge; their beauty is like the beauty of figures or pictures excellently wrought by the hand of Daedalus, or some other great artist, which we may chance to behold; any geometrician who saw them would appreciate the exquisiteness of their workmanship, but he would never dream of thinking that in them he could find the true equal or the true double, or the truth of any other proportion.

No, he replied, such an idea would be ridiculous.

And will not a true astronomer have the same feeling when he looks at the movements of the stars? Will he not think that heaven and the things in heaven are framed by the Creator of them in the most perfect manner? But he will never imagine that the proportions of night and day, or of both to the month, or of the month to the year, or of the stars to these and to one another, and any other things that are material and visible can also be eternal and subject to no deviation—that would be absurd; and it is equally absurd to take so much pains in investigating their exact truth.

I quite agree, though I never thought of this before.

Then, I said, in astronomy, as in geometry, we should employ problems, and let the heavens alone if we would approach the subject in the right way and so make the natural gift of reason to be of any real use.

That, he said, is a work infinitely beyond our present astronomers.

Yes, I said; and there are many other things which must also have a similar extension given to them, if our legislation is to be of any value. But can you tell me of any other suitable study?

No, he said, not without thinking.

Motion, I said, has many forms, and not one only; two of them are obvious enough even to wits no better than ours; and there are others, as I imagine, which may be left to wiser persons.

But where are the two?

There is a second, I said, which is the counterpart of the one already named.

And what may that be?

The second, I said, would seem relatively to the ears to be what the first is to the eyes; for I conceive that as the eyes are designed to look up at the stars, so are the ears to hear harmonious motions; and these are sister sciences—as the Pythagoreans say, and we, Glaucon, agree with them?

Yes, he replied.

But this, I said, is a laborious study, and therefore we had better go and learn of them; and they will tell us whether there are any other applications of these sciences. At the same time, we must not lose sight of our own higher object.

What is that?

There is a perfection which all knowledge ought to reach, and which our pupils ought also to attain, and not to fall short of, as I was saying that they did in astronomy. For in the science of harmony, as you probably know, the same thing happens. The teachers of harmony compare the sounds and consonances which are heard only, and their labour, like that of the astronomers, is in vain.

Yes, by heaven! he said; and 'tis as good as a play to hear them

talking about their condensed notes, as they call them; they put their ears close alongside of the strings like persons catching a sound from their neighbour's wall—one set of them declaring that they distinguish an intermediate note and have found the least interval which should be the unit of measurement; the others insisting that the two sounds have passed into the same—either party setting their ears before their understanding.

You mean, I said, those gentlemen who tease and torture the strings and rack them on the pegs of the instrument: I might carry on the metaphor and speak after their manner of the blows which the plectrum gives, and make accusations against the strings, both of backwardness and forwardness to sound; but this would be tedious, and therefore I will only say that these are not the men, and that I am referring to the Pythagoreans, of whom I was just now proposing to enquire about harmony. For they too are in error, like the astronomers; they investigate the numbers of the harmonies which are heard, but they never attain to problems—that is to say, they never reach the natural harmonies of number, or reflect why some numbers are harmonious and others not.

That, he said, is a thing of more than mortal knowledge.

A thing, I replied, which I would rather call useful; that is, if sought after with a view to the beautiful and good; but if pursued in any other spirit, useless.

Very true, he said.

Now, when all these studies reach the point of inter-communion and connection with one another, and come to be considered in their mutual affinities, then, I think, but not till then, will the pursuit of them have a value for our objects; otherwise there is no profit in them.

I suspect so; but you are speaking, Socrates, of a vast work.

What do you mean? I said; the prelude or what? Do you not know that all this is but the prelude to the actual strain which we have to learn? For you surely would not regard the skilled mathematician as a dialectician?

Assuredly not, he said; I have hardly ever known a mathematician who was capable of reasoning.

But do you imagine that men who are unable to give and take a reason will have the knowledge which we require of them?

Neither can this be supposed.

And so, Glaucon, I said, we have at last arrived at the hymn of dialectic. This is that strain which is of the intellect only, but which the faculty of sight will nevertheless be found to imitate; for sight, as you may remember, was imagined by us after a while to behold the real animals and stars, and last of all the sun himself. And so with dialectic; when a person starts on the discovery of the absolute by the light of reason only, and without any assistance of sense, and perseveres until by pure intelligence he arrives at the perception of the absolute good, he at last finds himself at the end of the intellectual world, as in the case of sight at the end of the visible.

Exactly, he said.

Then this is the progress which you call dialectic?

True.

But the release of the prisoners from chains, and their translation from the shadows to the images and to the light, and the ascent from the underground den to the sun, while in his presence they are vainly trying to look on animals and plants and the light of the sun, but are able to perceive even with their weak eyes the images in the water (which are divine), and are the shadows of true existence (not shadows of images cast by a light of fire, which compared with the sun is only an image)—this power of elevating the highest principle in the soul to the contemplation of that which is best in existence, with which we may compare the raising of that faculty which is the very light of the body to the sight of that which is brightest in the material and visible world—this power is given, as I was saying, by all that study and pursuit of the arts which has been described.

I agree in what you are saying, he replied, which may be hard to believe, yet, from another point of view, is harder still to deny. This, however, is not a theme to be treated of in passing only, but will have to be discussed again and again. And so, whether our conclusion

be true or false, let us assume all this, and proceed at once from the prelude or preamble to the chief strain (A play upon the Greek word, which means both 'law' and 'strain.'). and describe that in like manner. Say, then, what is the nature and what are the divisions of dialectic, and what are the paths which lead thither; for these paths will also lead to our final rest.

Dear Glaucon, I said, you will not be able to follow me here, though I would do my best, and you should behold not an image only but the absolute truth, according to my notion. Whether what I told you would or would not have been a reality I cannot venture to say; but you would have seen something like reality; of that I am confident.

Doubtless, he replied.

But I must also remind you, that the power of dialectic alone can reveal this, and only to one who is a disciple of the previous sciences.

Of that assertion you may be as confident as of the last.

And assuredly no one will argue that there is any other method of comprehending by any regular process all true existence or of ascertaining what each thing is in its own nature; for the arts in general are concerned with the desires or opinions of men, or are cultivated with a view to production and construction, or for the preservation of such productions and constructions; and as to the mathematical sciences which, as we were saying, have some apprehension of true being—geometry and the like—they only dream about being, but never can they behold the waking reality so long as they leave the hypotheses which they use unexamined, and are unable to give an account of them. For when a man knows not his own first principle, and when the conclusion and intermediate steps are also constructed out of he knows not what, how can he imagine that such a fabric of convention can ever become science?

Impossible, he said.

Then dialectic, and dialectic alone, goes directly to the first principle and is the only science which does away with hypotheses in order to make her ground secure; the eye of the soul, which is

literally buried in an outlandish slough, is by her gentle aid lifted upwards; and she uses as handmaids and helpers in the work of conversion, the sciences which we have been discussing. Custom terms them sciences, but they ought to have some other name, implying greater clearness than opinion and less clearness than science: and this, in our previous sketch, was called understanding. But why should we dispute about names when we have realities of such importance to consider?

Why indeed, he said, when any name will do which expresses the thought of the mind with clearness?

At any rate, we are satisfied, as before, to have four divisions; two for intellect and two for opinion, and to call the first division science, the second understanding, the third belief, and the fourth perception of shadows, opinion being concerned with becoming, and intellect with being; and so to make a proportion:—

As being is to becoming, so is pure intellect to opinion. And as intellect is to opinion, so is science to belief, and understanding to the perception of shadows.

But let us defer the further correlation and subdivision of the subjects of opinion and of intellect, for it will be a long enquiry, many times longer than this has been.

As far as I understand, he said, I agree.

And do you also agree, I said, in describing the dialectician as one who attains a conception of the essence of each thing? And he who does not possess and is therefore unable to impart this conception, in whatever degree he fails, may in that degree also be said to fail in intelligence? Will you admit so much?

Yes, he said; how can I deny it?

And you would say the same of the conception of the good? Until the person is able to abstract and define rationally the idea of good, and unless he can run the gauntlet of all objections, and is ready to disprove them, not by appeals to opinion, but to absolute truth, never faltering at any step of the argument—unless he can do all this, you would say that he knows neither the idea of good nor any other good; he apprehends only a shadow, if anything at all, which is given

by opinion and not by science;—dreaming and slumbering in this life, before he is well awake here, he arrives at the world below, and has his final quietus.

In all that I should most certainly agree with you.

And surely you would not have the children of your ideal State, whom you are nurturing and educating—if the ideal ever becomes a reality—you would not allow the future rulers to be like posts (Literally ‘lines,’ probably the starting-point of a race-course.), having no reason in them, and yet to be set in authority over the highest matters?

Certainly not.

Then you will make a law that they shall have such an education as will enable them to attain the greatest skill in asking and answering questions?

Yes, he said, you and I together will make it.

Dialectic, then, as you will agree, is the coping-stone of the sciences, and is set over them; no other science can be placed higher—the nature of knowledge can no further go?

I agree, he said.

But to whom we are to assign these studies, and in what way they are to be assigned, are questions which remain to be considered.

Yes, clearly.

You remember, I said, how the rulers were chosen before?

Certainly, he said.

The same natures must still be chosen, and the preference again given to the surest and the bravest, and, if possible, to the fairest; and, having noble and generous tempers, they should also have the natural gifts which will facilitate their education.

And what are these?

Such gifts as keenness and ready powers of acquisition; for the mind more often faints from the severity of study than from the severity of gymnastics: the toil is more entirely the mind’s own, and is not shared with the body.

Very true, he replied.

Further, he of whom we are in search should have a good memory,

and be an unwearied solid man who is a lover of labour in any line; or he will never be able to endure the great amount of bodily exercise and to go through all the intellectual discipline and study which we require of him.

Certainly, he said; he must have natural gifts.

The mistake at present is, that those who study philosophy have no vocation, and this, as I was before saying, is the reason why she has fallen into disrepute: her true sons should take her by the hand and not bastards.

What do you mean?

In the first place, her votary should not have a lame or halting industry—I mean, that he should not be half industrious and half idle: as, for example, when a man is a lover of gymnastic and hunting, and all other bodily exercises, but a hater rather than a lover of the labour of learning or listening or enquiring. Or the occupation to which he devotes himself may be of an opposite kind, and he may have the other sort of lameness.

Certainly, he said.

And as to truth, I said, is not a soul equally to be deemed halt and lame which hates voluntary falsehood and is extremely indignant at herself and others when they tell lies, but is patient of involuntary falsehood, and does not mind wallowing like a swinish beast in the mire of ignorance, and has no shame at being detected?

To be sure.

And, again, in respect of temperance, courage, magnificence, and every other virtue, should we not carefully distinguish between the true son and the bastard? for where there is no discernment of such qualities states and individuals unconsciously err; and the state makes a ruler, and the individual a friend, of one who, being defective in some part of virtue, is in a figure lame or a bastard.

That is very true, he said.

All these things, then, will have to be carefully considered by us; and if only those whom we introduce to this vast system of education and training are sound in body and mind, justice herself will have nothing to say against us, and we shall be the saviours

of the constitution and of the State; but, if our pupils are men of another stamp, the reverse will happen, and we shall pour a still greater flood of ridicule on philosophy than she has to endure at present.

That would not be creditable.

Certainly not, I said; and yet perhaps, in thus turning jest into earnest I am equally ridiculous.

In what respect?

I had forgotten, I said, that we were not serious, and spoke with too much excitement. For when I saw philosophy so undeservedly trampled under foot of men I could not help feeling a sort of indignation at the authors of her disgrace: and my anger made me too vehement.

Indeed! I was listening, and did not think so.

But I, who am the speaker, felt that I was. And now let me remind you that, although in our former selection we chose old men, we must not do so in this. Solon was under a delusion when he said that a man when he grows old may learn many things—for he can no more learn much than he can run much; youth is the time for any extraordinary toil.

Of course.

And, therefore, calculation and geometry and all the other elements of instruction, which are a preparation for dialectic, should be presented to the mind in childhood; not, however, under any notion of forcing our system of education.

Why not?

Because a freeman ought not to be a slave in the acquisition of knowledge of any kind. Bodily exercise, when compulsory, does no harm to the body; but knowledge which is acquired under compulsion obtains no hold on the mind.

Very true.

Then, my good friend, I said, do not use compulsion, but let early education be a sort of amusement; you will then be better able to find out the natural bent.

That is a very rational notion, he said.

Do you remember that the children, too, were to be taken to see the battle on horseback; and that if there were no danger they were to be brought close up and, like young hounds, have a taste of blood given them?

Yes, I remember.

The same practice may be followed, I said, in all these things—labours, lessons, dangers—and he who is most at home in all of them ought to be enrolled in a select number.

At what age?

At the age when the necessary gymnastics are over: the period whether of two or three years which passes in this sort of training is useless for any other purpose; for sleep and exercise are unpropitious to learning; and the trial of who is first in gymnastic exercises is one of the most important tests to which our youth are subjected.

Certainly, he replied.

After that time those who are selected from the class of twenty years old will be promoted to higher honour, and the sciences which they learned without any order in their early education will now be brought together, and they will be able to see the natural relationship of them to one another and to true being.

Yes, he said, that is the only kind of knowledge which takes lasting root.

Yes, I said; and the capacity for such knowledge is the great criterion of dialectical talent: the comprehensive mind is always the dialectical.

I agree with you, he said.

These, I said, are the points which you must consider; and those who have most of this comprehension, and who are most steadfast in their learning, and in their military and other appointed duties, when they have arrived at the age of thirty have to be chosen by you out of the select class, and elevated to higher honour; and you will have to prove them by the help of dialectic, in order to learn which of them is able to give up the use of sight and the other senses, and

in company with truth to attain absolute being: And here, my friend, great caution is required.

Why great caution?

Do you not remark, I said, how great is the evil which dialectic has introduced?

What evil? he said.

The students of the art are filled with lawlessness.

Quite true, he said.

Do you think that there is anything so very unnatural or inexcusable in their case? or will you make allowance for them?

In what way make allowance?

I want you, I said, by way of parallel, to imagine a supposititious son who is brought up in great wealth; he is one of a great and numerous family, and has many flatterers. When he grows up to manhood, he learns that his alleged are not his real parents; but who the real are he is unable to discover. Can you guess how he will be likely to behave towards his flatterers and his supposed parents, first of all during the period when he is ignorant of the false relation, and then again when he knows? Or shall I guess for you?

If you please.

Then I should say, that while he is ignorant of the truth he will be likely to honour his father and his mother and his supposed relations more than the flatterers; he will be less inclined to neglect them when in need, or to do or say anything against them; and he will be less willing to disobey them in any important matter.

He will.

But when he has made the discovery, I should imagine that he would diminish his honour and regard for them, and would become more devoted to the flatterers; their influence over him would greatly increase; he would now live after their ways, and openly associate with them, and, unless he were of an unusually good disposition, he would trouble himself no more about his supposed parents or other relations.

Well, all that is very probable. But how is the image applicable to the disciples of philosophy?

In this way: you know that there are certain principles about justice and honour, which were taught us in childhood, and under their parental authority we have been brought up, obeying and honouring them.

That is true.

There are also opposite maxims and habits of pleasure which flatter and attract the soul, but do not influence those of us who have any sense of right, and they continue to obey and honour the maxims of their fathers.

True.

Now, when a man is in this state, and the questioning spirit asks what is fair or honourable, and he answers as the legislator has taught him, and then arguments many and diverse refute his words, until he is driven into believing that nothing is honourable any more than dishonourable, or just and good any more than the reverse, and so of all the notions which he most valued, do you think that he will still honour and obey them as before?

Impossible.

And when he ceases to think them honourable and natural as heretofore, and he fails to discover the true, can he be expected to pursue any life other than that which flatters his desires?

He cannot.

And from being a keeper of the law he is converted into a breaker of it?

Unquestionably.

Now all this is very natural in students of philosophy such as I have described, and also, as I was just now saying, most excusable.

Yes, he said; and, I may add, pitiable.

Therefore, that your feelings may not be moved to pity about our citizens who are now thirty years of age, every care must be taken in introducing them to dialectic.

Certainly.

There is a danger lest they should taste the dear delight too early; for youngsters, as you may have observed, when they first get the taste in their mouths, argue for amusement, and are always

contradicting and refuting others in imitation of those who refute them; like puppy-dogs, they rejoice in pulling and tearing at all who come near them.

Yes, he said, there is nothing which they like better.

And when they have made many conquests and received defeats at the hands of many, they violently and speedily get into a way of not believing anything which they believed before, and hence, not only they, but philosophy and all that relates to it is apt to have a bad name with the rest of the world.

Too true, he said.

But when a man begins to get older, he will no longer be guilty of such insanity; he will imitate the dialectician who is seeking for truth, and not the eristic, who is contradicting for the sake of amusement; and the greater moderation of his character will increase instead of diminishing the honour of the pursuit.

Very true, he said.

And did we not make special provision for this, when we said that the disciples of philosophy were to be orderly and steadfast, not, as now, any chance aspirant or intruder?

Very true.

Suppose, I said, the study of philosophy to take the place of gymnastics and to be continued diligently and earnestly and exclusively for twice the number of years which were passed in bodily exercise—will that be enough?

Would you say six or four years? he asked.

Say five years, I replied; at the end of the time they must be sent down again into the den and compelled to hold any military or other office which young men are qualified to hold: in this way they will get their experience of life, and there will be an opportunity of trying whether, when they are drawn all manner of ways by temptation, they will stand firm or flinch.

And how long is this stage of their lives to last?

Fifteen years, I answered; and when they have reached fifty years of age, then let those who still survive and have distinguished themselves in every action of their lives and in every branch of

knowledge come at last to their consummation: the time has now arrived at which they must raise the eye of the soul to the universal light which lightens all things, and behold the absolute good; for that is the pattern according to which they are to order the State and the lives of individuals, and the remainder of their own lives also; making philosophy their chief pursuit, but, when their turn comes, toiling also at politics and ruling for the public good, not as though they were performing some heroic action, but simply as a matter of duty; and when they have brought up in each generation others like themselves and left them in their place to be governors of the State, then they will depart to the Islands of the Blest and dwell there; and the city will give them public memorials and sacrifices and honour them, if the Pythian oracle consent, as demigods, but if not, as in any case blessed and divine.

You are a sculptor, Socrates, and have made statues of our governors faultless in beauty.

Yes, I said, Glaucon, and of our governesses too; for you must not suppose that what I have been saying applies to men only and not to women as far as their natures can go.

There you are right, he said, since we have made them to share in all things like the men.

Well, I said, and you would agree (would you not?) that what has been said about the State and the government is not a mere dream, and although difficult not impossible, but only possible in the way which has been supposed; that is to say, when the true philosopher kings are born in a State, one or more of them, despising the honours of this present world which they deem mean and worthless, esteeming above all things right and the honour that springs from right, and regarding justice as the greatest and most necessary of all things, whose ministers they are, and whose principles will be exalted by them when they set in order their own city?

How will they proceed?

They will begin by sending out into the country all the inhabitants of the city who are more than ten years old, and will take possession

of their children, who will be unaffected by the habits of their parents; these they will train in their own habits and laws, I mean in the laws which we have given them: and in this way the State and constitution of which we were speaking will soonest and most easily attain happiness, and the nation which has such a constitution will gain most.

Yes, that will be the best way. And I think, Socrates, that you have very well described how, if ever, such a constitution might come into being.

Enough then of the perfect State, and of the man who bears its image—there is no difficulty in seeing how we shall describe him.

There is no difficulty, he replied; and I agree with you in thinking that nothing more need be said.

PART III  
MODULE 2: LOGIC



# 9. Fallacies of Ambiguity

## Fallacies of Ambiguity

### *Ambiguous Language*

In addition to the fallacies of relevance and presumption we examined in our previous lessons, there are several patterns of incorrect reasoning that arise from the imprecise use of language. An [ambiguous](#) word, phrase, or sentence is one that has two or more distinct meanings. The inferential relationship between the propositions included in a single argument will be sure to hold only if we are careful to employ exactly the same meaning in each of them. The fallacies of ambiguity all involve a confusion of two or more different senses.

### *Equivocation*

An [equivocation](#) trades upon the use of an ambiguous word or phrase in one of its meanings in one of the propositions of an argument but also in another of its meanings in a second proposition.

- *Really exciting novels are rare.*
- *But rare books are expensive.*
  
- *Therefore, Really exciting novels are expensive.*

Here, the word “rare” is used in different ways in the two premises of the argument, so the link they seem to establish between the terms of the conclusion is spurious. In its more subtle occurrences, this fallacy can undermine the reliability of [otherwise valid deductive arguments](#).

## *Amphiboly*

An [amphiboly](#) can occur even when every term in an argument is [univocal](#), if the grammatical construction of a sentence creates its own ambiguity.

- *A reckless motorist Thursday struck and injured a student who was jogging through the campus in his pickup truck.*
  
- *Therefore, it is unsafe to jog in your pickup truck.*

In this example, the premise (actually heard on a radio broadcast) could be interpreted in different ways, creating the possibility of a fallacious inference to the conclusion.

## *Accent*

The fallacy of [accent](#) arises from an ambiguity produced by a shift of spoken or written emphasis. Thus, for example:

- *Jorge turned in his assignment on time today.*

- *Therefore, Jorge usually turns in his assignments late.*

Here the premise may be true if read without inflection, but if it is read with heavy stress on the last word seems to imply the truth of the conclusion.

## *Composition*

The fallacy of [composition](#) involves an inference from the attribution of some feature to every individual member of a class (or part of a greater whole) to the possession of the same feature by the entire class (or whole).

- *Every course I took in college was well-organized.*
  
- *Therefore, my college education was well-organized.*

Even if the premise is true of each and every component of my curriculum, the whole could have been a chaotic mess, so this reasoning is defective.

Notice that this is distinct from the [fallacy of converse accident](#), which improperly generalizes from an unusual specific case (as in “My philosophy course was well-organized; therefore, college courses are well-organized.”). For the fallacy of composition, the crucial fact is that even when something can be truly said of each and every individual part, it does not follow that the same can be truly said of the whole class.

## *Division*

Similarly, the fallacy of [division](#) involves an inference from the attribution of some feature to an entire class (or whole) to the possession of the same feature by each of its individual members (or parts).

- *Ocelots are now dying out.*
- *Sparky is an ocelot.*
  
- *Therefore, Sparky is now dying out.*

Although the premise is true of the species as a whole, this unfortunate fact does not reflect poorly upon the health of any of its individual members.

Again, be sure to distinguish this from the [fallacy of accident](#), which mistakenly applies a general rule to an atypical specific case (as in “Ocelots have many health problems, and Sparky is an ocelot; therefore, Sparky is in poor health”). The essential point in the fallacy of division is that even when something can be truly said of a whole class, it does not follow that the same can be truly said of each of its individual parts.

## *Avoiding Fallacies*

Informal fallacies of all seventeen varieties can seriously interfere with our ability to arrive at the truth. Whether they are committed inadvertently in the course of an individual’s own thinking or deliberately employed in an effort to manipulate others, each may persuade without providing legitimate grounds for the truth of its conclusion. But knowing what the fallacies are affords us some

protection in either case. If we can identify several of the most common patterns of incorrect reasoning, we are less likely to slip into them ourselves or to be fooled by anyone else.

# 10. Logic as a Discipline

## Arguments and Inference

### *The Discipline of Logic*

Human life is full of decisions, including significant choices about what to believe. Although everyone prefers to believe what is [true](#), we often disagree with each other about what that is in particular instances. It may be that some of our most fundamental convictions in life are acquired by haphazard means rather than by the use of reason, but we all recognize that our beliefs about ourselves and the world often hang together in important ways.

If I believe that whales are mammals and that all mammals are fish, then it would also make sense for me to believe that whales are fish. Even someone who (rightly!) disagreed with my understanding of biological taxonomy could appreciate the consistent, reasonable way in which I used my mistaken beliefs as the foundation upon which to establish a new one. On the other hand, if I decide to believe that Hamlet was Danish because I believe that Hamlet was a character in a play by Shaw and that some Danes are Shavian characters, then even someone who shares my belief in the result could point out that I haven't actually provided good reasons for accepting its truth.

In general, we can respect the directness of a path even when we don't accept the points at which it begins and ends. Thus, it is possible to distinguish correct reasoning from incorrect reasoning independently of our agreement on substantive matters. [Logic](#) is the discipline that studies this distinction—both by determining the conditions under which the truth of certain beliefs leads naturally to the truth of some other belief, and by drawing attention to the ways

in which we may be led to believe something without respect for its truth. This provides no guarantee that we will always arrive at the truth, since the beliefs with which we begin are sometimes in error. But following the principles of correct reasoning does ensure that no additional mistakes creep in during the course of our progress.

In this review of elementary logic, we'll undertake a broad survey of the major varieties of reasoning that have been examined by logicians of the Western philosophical tradition. We'll see how certain patterns of thinking do invariably lead from truth to truth while other patterns do not, and we'll develop the skills of using the former while avoiding the latter. It will be helpful to begin by defining some of the technical terms that describe human reasoning in general.

## *The Structure of Argument*

Our fundamental unit of what may be asserted or denied is the [proposition](#) (or [statement](#)) that is typically expressed by a declarative sentence. Logicians of earlier centuries often identified propositions with the mental acts of affirming them, often called [judgments](#), but we can evade some interesting but thorny philosophical issues by avoiding this locution.

Propositions are distinct from the sentences that convey them. “Smith loves Jones” expresses exactly the same proposition as “Jones is loved by Smith,” while the sentence “Today is my birthday” can be used to convey many different propositions, depending upon who happens to utter it, and on what day. But each proposition is either true or false. Sometimes, of course, we don't know which of these truth-values a particular proposition has (“There is life on the third moon of Jupiter” is presently an example), but we can be sure that it has one or the other.

The chief concern of logic is how the truth of some propositions is connected with the truth of another. Thus, we will usually consider a group of related propositions. An [argument](#) is a set of two or more

propositions related to each other in such a way that all but one of them (the [premises](#)) are supposed to provide support for the remaining one (the [conclusion](#)). The transition or movement from premises to conclusion, the logical connection between them, is the [inference](#) upon which the argument relies.

Notice that “premise” and “conclusion” are here defined only as they occur in relation to each other within a particular argument. One and the same proposition can (and often does) appear as the conclusion of one line of reasoning but also as one of the premises of another. A number of words and phrases are commonly used in ordinary language to indicate the premises and conclusion of an argument, although their use is never strictly required, since the context can make clear the direction of movement. What distinguishes an argument from a mere collection of propositions is the inference that is supposed to hold between them.

Thus, for example, “The moon is made of green cheese, and strawberries are red. My dog has fleas.” is just a collection of unrelated propositions; the truth or falsity of each has no bearing on that of the others. But “Helen is a physician. So Helen went to medical school, since all physicians have gone to medical school.” is an argument; the truth of its conclusion, “Helen went to medical school,” is inferentially derived from its premises, “Helen is a physician.” and “All physicians have gone to medical school.”

### *Recognizing Arguments*

It's important to be able to identify which proposition is the conclusion of each argument, since that's a necessary step in our evaluation of the inference that is supposed to lead to it. We might even employ a simple diagram to represent the structure of an argument, numbering each of the propositions it comprises and drawing an arrow to indicate the inference that leads from its premise(s) to its conclusion.

Don't worry if this procedure seems rather tentative and

uncertain at first. We'll be studying the structural features of logical arguments in much greater detail as we proceed, and you'll soon find it easy to spot instances of the particular patterns we encounter most often. For now, it is enough to tell the difference between an argument and a mere collection of propositions and to identify the intended conclusion of each argument.

Even that isn't always easy, since arguments embedded in ordinary language can take on a bewildering variety of forms. Again, don't worry too much about this; as we acquire more sophisticated techniques for representing logical arguments, we will deliberately limit ourselves to a very restricted number of distinct patterns and develop standard methods for expressing their structure. Just remember the basic definition of an argument: it includes more than one proposition, and it infers a conclusion from one or more premises. So "If John has already left, then either Jane has arrived or Gail is on the way." can't be an argument, since it is just one big (compound) proposition. But "John has already left, since Jane has arrived." is an argument that proposes an inference from the fact of Jane's arrival to the conclusion, "John has already left." If you find it helpful to draw a diagram, please make good use of that method to your advantage.

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Our primary concern is to evaluate the reliability of inferences, the patterns of reasoning that lead from premises to conclusion in a logical argument. We'll devote a lot of attention to what works and what does not. It is vital from the outset to distinguish two kinds of inference, each of which has its own distinctive structure and standard of correctness.

### *Deductive Inferences*

When an argument claims that the truth of its

premises **guarantees** the truth of its conclusion, it is said to involve a **deductive** inference. Deductive reasoning holds to a very high standard of correctness. A deductive inference succeeds only if its premises provide such absolute and complete support for its conclusion that it would be utterly inconsistent to suppose that the premises are true but the conclusion false.

Notice that each argument either meets this standard or else it does not; there is no middle ground. Some deductive arguments are perfect, and if their premises are in fact true, then it follows that their conclusions must also be true, no matter what else may happen to be the case. All other deductive arguments are no good at all—their conclusions may be false even if their premises are true, and no amount of additional information can help them in the least.

### *Inductive Inferences*

When an argument claims merely that the truth of its premises make it **likely or probable** that its conclusion is also true, it is said to involve an **inductive** inference. The standard of correctness for inductive reasoning is much more flexible than that for deduction. An inductive argument succeeds whenever its premises provide some legitimate **evidence** or support for the truth of its conclusion. Although it is therefore reasonable to accept the truth of that conclusion on these grounds, it would not be completely inconsistent to withhold judgment or even to deny it outright.

Inductive arguments, then, may meet their standard to a greater or to a lesser degree, depending upon the amount of support they supply. No inductive argument is either absolutely perfect or entirely useless, although one may be said to be relatively better or worse than another in the sense that it recommends its conclusion with a higher or lower degree of probability. In such cases, relevant additional information often affects the reliability of an inductive argument by providing other evidence that changes our estimation of the likelihood of the conclusion.

It should be possible to differentiate arguments of these two sorts with some accuracy already. Remember that deductive arguments claim to guarantee their conclusions, while inductive arguments merely recommend theirs. Or ask yourself whether the introduction of any additional information—short of changing or denying any of the premises—could make the conclusion seem more or less likely; if so, the pattern of reasoning is inductive.

### *Truth and Validity*

Since deductive reasoning requires such a strong relationship between premises and conclusion, we will spend the majority of this survey studying various patterns of deductive inference. It is therefore worthwhile to consider the standard of correctness for deductive arguments in some detail.

A deductive argument is said to be [valid](#) when the inference from premises to conclusion is perfect. Here are two equivalent ways of stating that standard:

- If the premises of a valid argument are true, then its conclusion must also be true.
- It is impossible for the conclusion of a valid argument to be false while its premises are true.

(Considering the premises as a set of propositions, we will say that the premises are true only on those occasions when each and every one of those propositions is true.) Any deductive argument that is not valid is [invalid](#): it is possible for its conclusion to be false while its premises are true, so even if the premises are true, the conclusion may turn out to be either true or false.

Notice that the validity of the inference of a deductive argument is independent of the truth of its premises; **both** conditions must be met in order to be sure of the truth of the conclusion. Of the eight

distinct possible combinations of truth and validity, only one is ruled out completely:

Premises	Inference	Conclusion
True	Valid	True <b>XXXX</b>
	Invalid	True False
False	Valid	True False
	Invalid	True False

The only thing that cannot happen is for a deductive argument to have true premises and a valid inference but a false conclusion.

Some logicians designate the combination of true premises and a valid inference as a [sound](#) argument; it is a piece of reasoning whose conclusion must be true. The trouble with every other case is that it gets us nowhere, since either at least one of the premises is false, or the inference is invalid, or both. The conclusions of such arguments may be either true or false, so they are entirely useless in any effort to gain new information.

# II. Arguments in Ordinary Language

## Arguments in Ordinary Language

People reasoning in ordinary language rarely express their arguments in the restricted patterns allowed in categorical logic. But with just a little revision, it is often possible to show that those arguments are in fact equivalent to one of the standard-form categorical syllogisms whose validity we can so easily determine. Let's consider a few of the methods by means of which we can "translate" ordinary-language arguments into the forms studied by categorical logic.

### *Translation into Standard Form*

In the simplest case, we may need only to re-arrange the propositions of the argument in order to translate it into a standard-form categorical syllogism. Thus, for example, "Some birds are geese, so some birds are not felines, since no geese are felines" is just a categorical syllogism stated in the non-standard order minor premise, conclusion, major premise; all we need to do is put the propositions in the right order, and we have the standard-form syllogism:

No geese are felines.  
Some birds are geese.  
Therefore, Some birds are not felines.

## *Reducing Categorical Terms*

In slightly more complicated instances, an ordinary argument may deal with more than three terms, but it may still be possible to restate it as a categorical syllogism. Two kinds of tools will be helpful in making such a transformation:

First, it is always legitimate to replace one expression with another that means the same thing. Of course, we need to be perfectly certain in each case that the expressions are genuinely synonymous. But in many contexts, this is possible: in ordinary language, “husbands” and “married males” almost always mean the same thing.

Second, if two of the terms of the argument are [complementary](#), then appropriate application of the [immediate inferences](#) to one of the propositions in which they occur will enable us to reduce the two to a single term. Consider, for example, “No dogs are non-mammals, and some non-canines are not non-pets, so some non-mammals are pets.” Replacing the first proposition with its (logically equivalent) obverse, substituting “dogs” for the synonymous “canines” and taking the contrapositive of the second, and applying first conversion and then obversion to the conclusion, we get the equivalent standard-form categorical syllogism:

All dogs are mammals.  
Some pets are not dogs.  
Therefore, Some pets are not mammals.

The invalidity of this syllogism is more readily apparent than that of the argument from which it was derived.

## *Recognizing Categorical Propositions*

Of course, the premises and conclusion of an ordinary-language argument may not be categorical propositions at all; even in this

case, it may be possible to translate the argument into categorical logic. For each of the propositions of which the argument consists, we must discover some categorical proposition that will make the same assertion.

One especially common but troublesome instance is the occurrence of [singular propositions](#), such as “Spinoza is a philosopher.” Here the subject clearly refers to a single individual, so if it is to be used as the subject term of a categorical proposition, we must suppose that it designates a class of things which happens to have exactly one member. But then the categorical proposition that links Spinoza with the class designated by the term “philosopher” could be interpreted as an **A** proposition (All S are P) or as an **I** proposition (Some S are P) or as both of these together. In such cases, we should generally interpret the proposition in whichever way is most likely to transform the argument in which it occurs into a valid syllogism, although that may sometimes make it less likely that the proposition is true.

Other cases are easier to handle. If the predicate is adjectival, we simply substantize it as a noun phrase in order to make a categorical proposition: “All computers are electronic” thus becomes “Some computers are electronic things,” for example. If the main verb is not copulative, we simply use its participle or incorporate it into our predicate term: “Some snakes bite” becomes “Some snakes are animals that bite.” If the elements of the categorical proposition have been scrambled, we restore each to its proper position: “Bankers? Friendly people, all” becomes “All bankers are friendly people.” And, in a variety of cases your textbook discusses in detail, the statements of ordinary language often contain significant clues to their most likely translations as categorical propositions.

Remember that in each case, our goal is fairly to represent what is being asserted as a categorical proposition. To do so, we need only identify the two categorical terms that designate the classes between which it asserts some relation and then figure out which of the four possible relationships (**A**, **E**, **I**, or **O**) best captures the intended meaning. It is always a good policy to give the proponent

the benefit of any doubt, whenever possible interpreting each proposition both in a way that recommends it as likely to be true and in a way that tends to make the argument in which it occurs a valid one.

Occasionally these methods are not enough to provide for the translation of ordinary-language arguments into standard-form categorical syllogisms. Next, we examine a few special instances that require a more significant transformation.

### *Introducing Parameters*

In order to achieve the uniform translation of all three propositions contained in a categorical syllogism, it is sometimes useful to modify each of the terms employed in an ordinary-language argument by stating it in terms of a general domain or parameter. The goal here, as always, is faithfully to represent the intended meaning of each of the offered propositions, while at the same time bringing it into conformity with the others, making it possible to restate the whole as a standard-form syllogism.

The key to the procedure is to think of an appropriate parameter by relation to which each of the three categorical terms can be defined. Thus, for example, in the argument, “The attic must be on fire, since it’s full of smoke, and where there’s smoke, there’s fire,” the crucial parameter is location or place. If we suppose the terms of this argument to be “places where fire is,” “places where smoke is,” and “places that are the attic,” then by applying our other techniques of restatement and re-arrangement, we can arrive at the syllogism:

All places where smoke is are places where fire is.  
All places that are the attic are places where smoke is.  
Therefore, All places that are the attic are places where fire is.

This standard-form categorical syllogism of the form **AAA-1** is clearly valid.

## *Enthymemes*

Another special case occurs when one or more of the propositions in a categorical syllogism is left unstated. Incomplete arguments of this sort, called [enthymemes](#) are said to be “first-,” “second-,” or “third-order,” depending upon whether they are missing their major premise, minor premise, or conclusion respectively. In order to show that an enthymeme corresponds to a valid categorical syllogism, we need only supply the missing premise in each case.

Thus, for example, “Since some hawks have sharp beaks, some birds have sharp beaks” is a second-order enthymeme, and once a plausible substitute is provided for its missing minor premise (“All hawks are birds“), it will become the valid **IAI-3** syllogism:

Some hawks are sharp-beaked animals.  
All hawks are birds.  
Therefore, Some birds are sharp-beaked animals.

## *Sorites*

Finally, the pattern of ordinary-language argumentation known as [sorites](#) involves several categorical syllogisms linked together. The conclusion of one syllogism serves as one of the premises for another syllogism, whose conclusion may serve as one of the premises for another, and so on. In any such case, of course, the whole procedure will comprise a valid inference so long as each of the connected syllogisms is itself valid.

Sorites most commonly occur in enthymematic form, with the doubly-used proposition left entirely unstated. In order to reconstruct an argument of this form, we need to identify the premises of an initial syllogism, fill in as its missing conclusion a categorical proposition that legitimately follows from those

premises, and then apply it as a premise in another syllogism. When all of the underlying structure has been revealed, we can test each of the syllogisms involved to determine the validity of the whole.

Understanding how these common patterns of reasoning can be re-interpreted as categorical syllogisms may help you to see why generations of logicians regarded categorical logic as a fairly complete treatment of valid inference. Modern logicians, however, developed a much more powerful symbolic system, capable of representing everything that categorical logic covers and much more in addition.

# 12. Language and Logic

## Language and Logic

### *Functions of Language*

The formal patterns of correct reasoning can all be conveyed through ordinary language, but then so can a lot of other things. In fact, we use language in many different ways, some of which are irrelevant to any attempt to provide reasons for what we believe. It is helpful to identify at least three distinct uses of language:

1. The [informative use of language](#) involves an effort to communicate some content. When I tell a child, “The fifth of May is a Mexican holiday,” or write to you that “Logic is the study of correct reasoning,” or jot a note to myself, “Jennifer–555-3769,” I am using language informatively. This kind of use presumes that the content of what is being communicated is actually true, so it will be our central focus in the study of logic.
2. An [expressive use of language](#), on the other hand, intends only to vent some feeling, or perhaps to evoke some feeling from other people. When I say, “Friday afternoons are dreary,” or yell “Ouch!” I am using language expressively. Although such uses don’t convey any information, they do serve an important function in everyday life, since how we feel sometimes matters as much as—or more than—what we hold to be true.
3. Finally, [directive uses of language](#) aim to cause or to prevent some overt action by a human agent. When I say “Shut the door,” or write “Read the textbook,” or memo myself, “Don’t rely so heavily on the passive voice,” I am using language directly.

The point in each of these cases is to make someone perform (or forswear) a particular action. This is a significant linguistic function, too, but like the expressive use, it doesn't always relate logically to the truth of our beliefs.

Notice that the intended use in a particular instance often depends more on the specific context and tone of voice than it does on the grammatical form or vocabulary of what is said. The simple declarative sentence, "I'm hungry," for example, could be used to report on a physiological condition, or to express a feeling, or implicitly to request that someone feed me. In fact, uses of two or more varieties may be mixed together in a single utterance; "Stop that," for example, usually involves both expressive and directive functions jointly. In many cases, however, it is possible to identify a single use of language that is probably intended to be the primary function of a particular linguistic unit.

British philosopher [J. L. Austin](#) developed a similar, though much more detailed and sophisticated, nomenclature for the variety of actions we commonly perform in employing ordinary language. You're welcome to examine his theory of [speech acts](#) in association with the discussion in your textbook. While the specifics may vary, some portion of the point remains the same: since we do in fact employ language for many distinct purposes, we can minimize confusion by keeping in mind what we're up to on any particular occasion.

### *Literal and Emotive Meaning*

Even single words or short phrases can exhibit the distinction between purely informative and partially expressive uses of language. Many of the most common words and phrases of any language have both a literal or descriptive meaning that refers to the way things are and an [emotive meaning](#) that expresses some (positive or negative) feeling about them. Thus, the choice of which

word to use in making a statement can be used in hopes of evoking a particular emotional response.

This is a natural function of ordinary language, of course. We often do wish to convey some portion of our feelings along with information. There is a good deal of poetry in everyday communication, and poetry without emotive meaning is pretty dull. But when we are primarily interested in establishing the truth—as we are when assessing the logical merits of an argument—the use of words laden with emotive meaning can easily distract us from our purpose.

### *Kinds of Agreement and Disagreement*

In fact, an excessive reliance on emotively charged language can create the appearance of disagreement between parties who do not differ on the facts at all, and it can just as easily disguise substantive disputes under a veneer of emotive agreement. Since the degrees of agreement in belief and attitude are independent of each other, there are four possible combinations at work here:

1. Agreement in belief and agreement in attitude: There aren't any problems in this instance, since both parties hold the same positions and have the same feelings about them.
2. Agreement in belief but disagreement in attitude: This case, if unnoticed, may become the cause of endless (but pointless) shouting between people whose feelings differ sharply about some fact upon which they are in total agreement.
3. Disagreement in belief but agreement in attitude: In this situation, parties may never recognize, much less resolve, their fundamental difference of opinion, since they are lulled by their shared feelings into supposing themselves allied.
4. Disagreement in belief and disagreement in attitude: Here the parties have so little in common that communication between them often breaks down entirely.

It is often valuable, then, to recognize the levels of agreement or disagreement at work in any exchange of views. That won't always resolve the dispute between two parties, of course, but it will ensure that they don't waste their time on an inappropriate method of argument or persuasion.

### *Emotively Neutral Language*

For our purposes in assessing the validity of deductive arguments and the reliability of inductive reasoning, it will be most directly helpful to eliminate emotive meaning entirely whenever we can. Although it isn't always easy to achieve emotively neutral language in every instance, and the result often lacks the colorful character of our usual public discourse, it is worth the trouble and insipidity because it makes it much easier to arrive at a settled understanding of what is true.

In many instances, the informal fallacies we will consider next result from an improper use of emotionally charged language in the effort to persuade someone to accept a proposition at an emotional level, without becoming convinced that there are legitimate grounds for believing it to be true.

# 13. Definition and Meaning

## Definition and Meaning

### *Genuine and Verbal Disputes*

We've seen that sloppy or misleading use of ordinary language can seriously limit our ability to create and communicate correct reasoning. As philosopher [John Locke](#) pointed out three centuries ago, the achievement of human knowledge is often hampered by the use of words without fixed signification. Needless controversy is sometimes produced and perpetuated by an unacknowledged ambiguity in the application of key terms. We can distinguish disputes of three sorts:

- Genuine disputes involve disagreement about whether or not some specific proposition is true. Since the people engaged in a genuine dispute agree on the meaning of the words by means of which they convey their respective positions, each of them can propose and assess logical arguments that might eventually lead to a resolution of their differences.
- Merely [verbal disputes](#), on the other hand, arise entirely from ambiguities in the language used to express the positions of the disputants. A verbal dispute disappears entirely once the people involved arrive at an agreement on the meaning of their terms, since doing so reveals their underlying agreement in belief.
- Apparently verbal but really genuine disputes can also occur, of course. In cases of this sort, the resolution of every ambiguity only reveals an underlying genuine dispute. Once that's been discovered, it can be addressed fruitfully by appropriate

methods of reasoning.

We can save a lot of time, sharpen our reasoning abilities, and communicate with each other more effectively if we watch for disagreements about the meaning of words and try to resolve them whenever we can.

### *Kinds of Definition*

The most common way of preventing or eliminating differences in the use of languages is by agreeing on the [definition](#) of our terms. Since these explicit accounts of the meaning of a word or phrase can be offered in distinct contexts and employed in the service of different goals, it's useful to distinguish definitions of several kinds:

A [lexical definition](#) simply reports the way in which a term is already used within a language community. The goal here is to inform someone else of the accepted meaning of the term, so the definition is more or less correct depending upon the accuracy with which it captures that usage. In these pages, my definitions of technical terms of logic are lexical because they are intended to inform you about the way in which these terms are actually employed within the discipline of logic.

At the other extreme, a [stipulative definition](#) freely assigns meaning to a completely new term, creating a usage that had never previously existed. Since the goal in this case is to propose the adoption of shared use of a novel term, there are no existing standards against which to compare it, and the definition is always correct (though it might fail to win acceptance if it turns out to be inapt or useless). If I now decree that we will henceforth refer to Presidential speeches delivered in French as “glorsherfs,” I have made a (probably pointless) stipulative definition.

Combining these two techniques is often an effective way to reduce the [vagueness](#) of a word or phrase. These [precising definitions](#) begin with the lexical definition of a term but then

propose to sharpen it by stipulating more narrow limits on its use. Here, the lexical part must be correct and the stipulative portion should appropriately reduce the troublesome vagueness. If the USPS announces that “proper notification of a change of address” means that an official form containing the relevant information must be received by the local post office no later than four days prior to the effective date of the change, it has offered a (possibly useful) precisising definition.

[Theoretical definitions](#) are special cases of stipulative or precisising definition, distinguished by their attempt to establish the use of this term within the context of a broader intellectual framework. Since the adoption of any theoretical definition commits us to the acceptance of the theory of which it is an integral part, we are rightly cautious in agreeing to it. [Newton’s](#) definition of the terms “mass” and “inertia” carried with them a commitment to (at least part of) his theories about the conditions in which physical objects move.

Finally, what some logicians call a [persuasive definition](#) is an attempt to attach [emotive meaning](#) to the use of a term. Since this can only serve to confuse the literal meaning of the term, persuasive definitions have no legitimate use.

### *Extension and Intension*

A rather large and especially useful portion of our active vocabularies is taken up by general terms, words or phrases that stand for whole groups of individual things sharing a common attribute. But there are two distinct ways of thinking about the meaning of any such term.

The [extension](#) of a general term is just the collection of individual things to which it is correctly applied. Thus, the extension of the word “chair” includes every chair that is (or ever has been or ever will be) in the world. The [intension](#) of a general term, on the other hand, is the set of features which are shared by everything to which

it applies. Thus, the intension of the word “chair” is (something like) “a piece of furniture designed to be sat upon by one person at a time.”

Clearly, these two kinds of meaning are closely interrelated. We usually suppose that the intension of a concept or term determines its extension, that we decide whether or not each newly-encountered piece of furniture belongs among the chairs by seeing whether or not it has the relevant features. Thus, as the intension of a general term increases, by specifying with greater detail those features that a thing must have in order for it to apply, the term’s extension tends to decrease, since fewer items now qualify for its application.

### *Denotative and Connotative Definitions*

With the distinction between extension and intension in mind, it is possible to approach the definition of a general term (on any of the five kinds of definition we discussed last time) in either of two ways:

A [denotative definition](#) tries to identify the extension of the term in question. Thus, we could provide a denotative definition of the phrase “this logic class” simply by listing all of our names. Since a complete enumeration of the things to which a general term applies would be cumbersome or inconvenient in many cases, though, we commonly pursue the same goal by listing smaller groups of individuals or by offering a few examples instead. In fact, some philosophers have held that the most primitive denotative definitions in any language involve no more than [pointing at a single example](#) to which the term properly applies.

But there seem to be some important terms for which denotative definition is entirely impossible. The phrase “my grandchildren” makes perfect sense, for example, but since it presently has no extension, there is no way to indicate its membership by enumeration, example, or ostension. In order to define terms of this

sort at all, and in order more conveniently to define general terms of every variety, we naturally rely upon the second mode of definition.

A [connotative](#) definition tries to identify the intension of a term by providing a synonymous linguistic expression or an operational procedure for determining the applicability of the term. Of course, it isn't always easy to come up with an alternative word or phrase that has exactly the same meaning or to specify a concrete test for applicability. But when it does work, connotative definition provides an adequate means for securing the meaning of a term.

### *Definition by Genus and Differentia*

Classical logicians developed an especially effective method of constructing connotative definitions for general terms, by stating their [genus and differentia](#). The basic notion is simple: we begin by identifying a familiar, broad category or kind (the *genus*) to which everything our term signifies (along with things of other sorts) belongs; then we specify the distinctive features (the *differentiae*) that set them apart from all the other things of this kind. My definition of the word “chair” in the second paragraph of this lesson, for example, identifies “piece of furniture” as the *genus* to which all chairs belong and then specifies “designed to be sat upon by one person at a time” as the *differentia* that distinguishes them from couches, desks, etc.

Copi and Cohen list five rules by means of which to evaluate the success of connotative definitions by *genus* and *differentia*:

1. **Focus on essential features.** Although the things to which a term applies may share many distinctive properties, not all of them equally indicate its true nature. Thus, for example, a definition of “human beings” as “featherless bipeds” isn't very illuminating, even if it does pick out the right individuals. A good definition tries to point out the features that are essential to the designation of things as members of the relevant group.

2. **Avoid circularity.** Since a [circular definition](#) uses the term being defined as part of its own definition, it can't provide any useful information; either the audience already understands the meaning of the term, or it cannot understand the explanation that includes that term. Thus, for example, there isn't much point in defining "cordless 'phone" as "a telephone that has no cord."
3. **Capture the correct extension.** A good definition will apply to exactly the same things as the term being defined, no more and no less. There are several ways to go wrong. Consider alternative definitions of "bird":
  - "warm-blooded animal" is too broad, since that would include horses, dogs, and aardvarks along with birds.
  - "feathered egg-laying animal" is too narrow, since it excludes those birds who happen to be male. and
  - "small flying animal" is both too broad and too narrow, since it includes bats (which aren't birds) and excludes ostriches (which are).

Successful intensional definitions must be satisfied by all and only those things that are included in the extension of the term they define.

4. **Avoid figurative or obscure language.** Since the point of a definition is to explain the meaning of a term to someone who is unfamiliar with its proper application, the use of language that doesn't help such a person learn how to apply the term is pointless. Thus, "happiness is a warm puppy" may be a lovely thought, but it is a lousy definition.
5. **Be affirmative rather than negative.** It is always possible in principle to explain the application of a term by identifying literally everything to which it does **not** apply. In a few instances, this may be the only way to go: a proper definition of the mathematical term "infinite" might well be negative, for example. But in ordinary circumstances, a good definition uses

positive designations whenever it is possible to do so. Defining “honest person” as “someone who rarely lies” is a poor definition.

# 14. Fallacies of Relevance

## Fallacies of Relevance

### *Informal Fallacies*

Assessing the legitimacy of arguments embedded in ordinary language is rather like diagnosing whether a living human being has any broken bones. Only the internal structure matters, but it is difficult to see through the layers of flesh that cover it. Soon we'll begin to develop methods, like the tools of radiology, that enable us to see the skeletal form of an argument beneath the language that expresses it. But compound fractures are usually evident to the most casual observer, and some logical defects are equally apparent.

The [informal fallacies](#) considered here are patterns of reasoning that are obviously incorrect. The fallacies of relevance, for example, clearly fail to provide adequate reason for believing the truth of their conclusions. Although they are often used in attempts to persuade people by non-logical means, only the unwary, the predisposed, and the gullible are apt to be fooled by their illegitimate appeals. Many of them were identified by medieval and renaissance logicians, whose Latin names for them have passed into common use. It's worthwhile to consider the structure, offer an example, and point out the invalidity of each of them in turn.

### *Appeal to Force (argumentum ad baculum)*

In the [appeal to force](#), someone in a position of power threatens to bring down unfortunate consequences upon anyone who dares

to disagree with a proffered proposition. Although it is rarely developed so explicitly, a fallacy of this type might propose:

- *If you do not agree with my political opinions, you will receive a grade of F for this course.*
- *I believe that Herbert Hoover was the greatest President of the United States.*
  
- *Therefore, Herbert Hoover was the greatest President of the United States.*

It should be clear that even if all of the premises were true, the conclusion could nevertheless be false. Since that is possible, arguments of this form are plainly invalid. While this might be an effective way to get you to agree (or at least to pretend to agree) with my position, it offers no grounds for believing it to be true.

### *Appeal to Pity (argumentum ad misericordiam)*

Turning this on its head, an [appeal to pity](#) tries to win acceptance by pointing out the unfortunate consequences that will otherwise fall upon the speaker and others, for whom we would then feel sorry.

- *I am a single parent, solely responsible for the financial support of my children.*
- *If you give me this traffic ticket, I will lose my license and be unable to drive to work.*
- *If I cannot work, my children and I will become homeless and may starve to death.*

- *Therefore, you should not give me this traffic ticket.*

Again, the conclusion may be false (that is, perhaps I should be given the ticket) even if the premises are all true, so the argument is fallacious.

### *Appeal to Emotion (argumentum ad populum)*

In a more general fashion, the [appeal to emotion](#) relies upon emotively charged language to arouse strong feelings that may lead an audience to accept its conclusion:

- *As all clear-thinking residents of our fine state have already realized, the Governor's plan for financing public education is nothing but the bloody-fanged wolf of socialism cleverly disguised in the harmless sheep's clothing of concern for children.*
  
- *Therefore, the Governor's plan is bad public policy.*

The problem here is that although the flowery language of the premise might arouse strong feelings in many members of its intended audience, the widespread occurrence of those feelings has nothing to do with the truth of the conclusion.

### *Appeal to Authority (argumentum ad verecundiam)*

Each of the next three fallacies involve the mistaken supposition

that there is some connection between the truth of a proposition and some feature of the person who asserts or denies it. In an [appeal to authority](#), the opinion of someone famous or accomplished in another area of expertise is supposed to guarantee the truth of a conclusion. Thus, for example:

- *Federal Reserve Chair Alan Greenspan believes that spiders are insects.*
  
- *Therefore, spiders are insects.*

As a pattern of reasoning, this is clearly mistaken: no proposition must be true because some individual (however talented or successful) happens to believe it. Even in areas where they have some special knowledge or skill, expert authorities could be mistaken; we may accept their testimony as inductive evidence but never as deductive proof of the truth of a conclusion. Personality is irrelevant to truth.

### *Ad Hominem Argument*

The mirror-image of the appeal to authority is the [ad hominem argument](#), in which we are encouraged to reject a proposition because it is the stated opinion of someone regarded as disreputable in some way. This can happen in several different ways, but all involve the claim that the proposition must be false because of who believes it to be true:

- *Harold maintains that the legal age for drinking beer should be 18 instead of 21.*

- *But we all know that Harold . . .*
  - . . . dresses funny and smells bad. or
  - . . . is 19 years old and would like to drink legally or
  - . . . believes that the legal age for voting should be 21, not 18 or
  - . . . doesn't understand the law any better than the rest of us.
  
- *Therefore, the legal age for drinking beer should be 21 instead of 18.*

In any of its varieties, the *ad hominem* fallacy asks us to adopt a position on the truth of a conclusion for no better reason than that someone believes its opposite. But the proposition that person believes can be true (and the intended conclusion false) even if the person is unsavory or has a stake in the issue or holds inconsistent beliefs or shares a common flaw with us. Again, personality is irrelevant to truth.

### *Appeal to Ignorance (argumentum ad ignorantiam)*

An [appeal to ignorance](#) proposes that we accept the truth of a proposition unless an opponent can prove otherwise. Thus, for example:

- *No one has conclusively proven that there is no intelligent life on the moons of Jupiter.*
  
- *Therefore, there is intelligent life on the moons of Jupiter.*

But, of course, the absence of [evidence](#) against a proposition is not enough to secure its truth. What we don't know could nevertheless be so.

### *Irrelevant Conclusion (ignoratio elenchi)*

Finally, the fallacy of the [irrelevant conclusion](#) tries to establish the truth of a proposition by offering an argument that actually provides support for an entirely different conclusion.

- *All children should have ample attention from their parents.*
- *Parents who work full-time cannot give ample attention to their children.*
  
- *Therefore, mothers should not work full-time.*

Here the premises might support some conclusion about working parents generally, but do not secure the truth of a conclusion focussed on women alone and not on men. Although clearly fallacious, this procedure may succeed in distracting its audience from the point that is really at issue.

# 15. Fallacies of Presumption

## Fallacies of Presumption

### *Unwarranted Assumptions*

The fallacies of presumption also fail to provide adequate reason for believing the truth of their conclusions. In these instances, however, the erroneous reasoning results from an implicit supposition of some further proposition whose truth is uncertain or implausible. Again, we'll consider each of them in turn, seeking always to identify the unwarranted assumption upon which it is based.

### *Accident*

The fallacy of [accident](#) begins with the statement of some principle that is true as a general rule, but then errs by applying this principle to a specific case that is unusual or atypical in some way.

- *Women earn less than men earn for doing the same work.*
- *Oprah Winfrey is a woman.*
  
- *Therefore, Oprah Winfrey earns less than male talk-show hosts.*

As we'll soon see, a true [universal premise](#) would [entail](#) the truth of this conclusion; but then, a universal statement that "Every woman earns less than any man." would obviously be false. The truth of

a general rule, on the other hand, leaves plenty of room for exceptional cases, and applying it to any of them is fallacious.

### *Converse Accident*

The fallacy of [converse accident](#) begins with a specific case that is unusual or atypical in some way, and then errs by deriving from this case the truth of a general rule.

- *Dennis Rodman wears earrings and is an excellent rebounder.*
- *Therefore, people who wear earrings are excellent rebounders.*

It should be obvious that a single instance is not enough to establish the truth of such a general principle. Since it's easy for this conclusion to be false even though the premise is true, the argument is unreliable.

### *False Cause*

The fallacy of [false cause](#) infers the presence of a causal connection simply because events appear to occur in correlation or (in the [post hoc, ergo propter hoc](#) variety) temporal succession.

- *The moon was full on Thursday evening.*
- *On Friday morning I overslept.*

- *Therefore, the full moon caused me to oversleep.*

Later we'll consider what sort of [evidence](#) adequately supports the conclusion that a [causal relationship](#) does exist, but these fallacies clearly are not enough.

### *Begging the Question (petitio principii)*

[Begging the question](#) is the fallacy of using the conclusion of an argument as one of the premises offered in its own support. Although this often happens in an implicit or disguised fashion, an explicit version would look like this:

- *All dogs are mammals.*
  - *All mammals have hair.*
  - *Since animals with hair bear live young, dogs bear live young.*
  - *But all animals that bear live young are mammals.*
- 
- *Therefore, all dogs are mammals.*

Unlike the other fallacies we've considered, begging the question involves an argument (or chain of arguments) that is formally valid: if its premises (including the first) are true, then the conclusion must be true. The problem is that this valid argument doesn't really provide support for the truth its conclusion; we can't use it unless we have already granted that.

### *Complex Question*

The fallacy of [complex question](#) presupposes the truth of its own

conclusion by including it implicitly in the statement of the issue to be considered:

- *Have you tried to stop watching too much television?*
  - *If so, then you admit that you do watch too much television.*
  - *If not, then you must still be watching too much television.*
- 
- *Therefore, you watch too much television.*

In a somewhat more subtle fashion, this involves the same difficulty as the previous fallacy. We would not willingly agree to the first premise unless we already accepted the truth of the conclusion that the argument is supposed to prove.

# 16. Categorical Propositions

## Categorical Propositions

Now that we've taken notice of many of the difficulties that can be caused by sloppy use of ordinary language in argumentation, we're ready to begin the more precise study of [deductive reasoning](#). Here we'll achieve the greater precision by eliminating ambiguous words and phrases from ordinary language and carefully defining those that remain. The basic strategy is to create a narrowly restricted formal system—an artificial, rigidly structured logical language within which the [validity](#) of deductive arguments can be discerned with ease. Only after we've become familiar with this limited range of cases will we consider to what extent our ordinary-language argumentation can be made to conform to its structure.

Our initial effort to pursue this strategy is the ancient but worthy method of [categorical logic](#). This approach was originally developed by [Aristotle](#), codified in greater detail by medieval logicians, and then interpreted mathematically by [George Boole](#) and [John Venn](#) in the nineteenth century. Respected by many generations of philosophers as the the chief embodiment of deductive reasoning, this logical system continues to be useful in a broad range of ordinary circumstances.

### *Terms and Propositions*

We'll start very simply, then work our way toward a higher level. The basic unit of meaning or content in our new deductive system is the [categorical term](#). Usually expressed grammatically as a noun or noun phrase, each categorical term designates a [class](#) of things. Notice that these are (deliberately) very broad notions: a categorical

term may designate any class—whether it’s a natural species or merely an arbitrary collection—of things of any variety, real or imaginary. Thus, “cows,” “unicorns,” “square circles,” “philosophical concepts,” “things weighing more than fifty kilograms,” and “times when the earth is nearer than 75 million miles from the sun,” are all categorical terms.

Notice also that each categorical term cleaves the world into exactly two mutually exclusive and jointly exhaustive parts: those things to which the term applies and those things to which it does not apply. For every class designated by a categorical term, there is another class, its [complement](#), that includes everything excluded from the original class, and this complementary class can of course be designated by its own categorical term. Thus, “cows” and “non-cows” are complementary classes, as are “things weighing more than fifty kilograms” and “things weighing fifty kilograms or less.” Everything in the world (in fact, everything we can talk or think about) belongs either to the class designated by a categorical term or to its complement; nothing is omitted.

Now let’s use these simple building blocks to assemble something more interesting. A [categorical proposition](#) joins together exactly two categorical terms and asserts that some relationship holds between the classes they designate. (For our own convenience, we’ll call the term that occurs first in each categorical proposition its **subject term** and other its **predicate term**.) Thus, for example, “All cows are mammals” and “Some philosophy teachers are young mothers” are categorical propositions whose subject terms are “cows” and “philosophy teachers” and whose predicate terms are “mammals” and “young mothers” respectively.

Each categorical proposition states that there is some logical relationship that holds between its two terms. In this context, a categorical term is said to be [distributed](#) if that proposition provides some information about every member of the class designated by that term. Thus, in our first example above, “cows” is distributed because the proposition in which it occurs affirms that each and every cow is also a mammal, but “mammals” is undistributed

because the proposition does not state anything about each and every member of that class. In the second example, neither of the terms is distributed, since this proposition tells us only that the two classes overlap to some (unstated) extent.

### *Quality and Quantity*

Since we can always invent new categorical terms and consider the possible relationship of the classes they designate, there are indefinitely many different individual categorical propositions. But if we disregard the content of these propositions, what classes of things they're about, and concentrate on their form, the general manner in which they conjoin their subject and predicate terms, then we need only four distinct kinds of categorical proposition, distinguished from each other only by their quality and quantity, in order to assert anything we like about the relationship between two classes.

The [quality](#) of a categorical proposition indicates the nature of the relationship it affirms between its subject and predicate terms: it is an **affirmative** proposition if it states that the class designated by its subject term is included, either as a whole or only in part, within the class designated by its predicate term, and it is a **negative** proposition if it wholly or partially excludes members of the subject class from the predicate class. Notice that the predicate term is distributed in every negative proposition but undistributed in all affirmative propositions.

The [quantity](#) of a categorical proposition, on the other hand, is a measure of the degree to which the relationship between its subject and predicate terms holds: it is a **universal** proposition if the asserted inclusion or exclusion holds for every member of the class designated by its subject term, and it is a **particular** proposition if it merely asserts that the relationship holds for one or more members of the subject class. Thus, you'll see that the subject term

is distributed in all universal propositions but undistributed in every particular proposition.

Combining these two distinctions and representing the subject and predicate terms respectively by the letters “S” and “P,” we can uniquely identify the four possible forms of categorical proposition:

- A universal affirmative proposition (to which, following the practice of medieval logicians, we will refer by the letter “**A**”) is of the form

All S are P.

Such a proposition asserts that every member of the class designated by the subject term is also included in the class designated by the predicate term. Thus, it distributes its subject term but not its predicate term.

- A universal negative proposition (or “**E**”) is of the form

No S are P.

This proposition asserts that nothing is a member both of the class designated by the subject term and of the class designated by the predicate terms. Since it reports that every member of each class is excluded from the other, this proposition distributes both its subject term and its predicate term.

- A particular affirmative proposition (“**I**”) is of the form

Some S are P.

A proposition of this form asserts that there is at least one thing which is a member both of the class designated by the subject term and of the class designated by the predicate term. Both terms are undistributed in propositions of this form.

- Finally, a particular negative proposition (“**O**”) is of the form

Some S are not P.

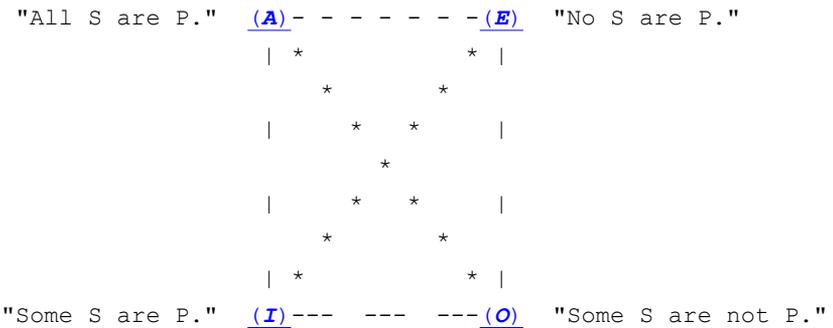
Such a proposition asserts that there is at least one thing which

is a member of the class designated by the subject term but not a member of the class designated by the predicate term. Since it affirms that the one or more crucial things that they are distinct from each and every member of the predicate class, a proposition of this form distributes its predicate term but not its subject term.

Although the specific content of any actual categorical proposition depends upon the categorical terms which occur as its subject and predicate, the logical form of the categorical proposition must always be one of these four types.

### *The Square of Opposition*

When two categorical propositions are of different forms but share exactly the same subject and predicate terms, their truth is logically interdependent in a variety of interesting ways, all of which are conveniently represented in the traditional “[square of opposition](#).”



Propositions that appear diagonally across from each other in this diagram (**A** and **O** on the one hand and **E** and **I** on the other) are [contradictories](#). No matter what their subject and predicate terms happen to be (so long as they are the same in both) and no matter how the classes they designate happen to be related to each

other in fact, one of the propositions in each contradictory pair must be true and the other false. Thus, for example, “No squirrels are predators” and “Some squirrels are predators” are contradictories because either the classes designated by the terms “squirrel” and “predator” have at least one common member (in which case the **I** proposition is true and the **E** proposition is false) or they do not (in which case the **E** is true and the **I** is false). In exactly the same sense, the **A** and **O** propositions, “All senators are politicians” and “Some senators are not politicians” are also contradictories.

The universal propositions that appear across from each other at the top of the square (**A** and **E**) are [contraries](#). Assuming that there is at least one member of the class designated by their shared subject term, it is impossible for both of these propositions to be true, although both could be false. Thus, for example, “All flowers are colorful objects” and “No flowers are colorful objects” are contraries: if there are any flowers, then either all of them are colorful (making the **A** true and the **E** false) or none of them are (making the **E** true and the **A** false) or some of them are colorful and some are not (making both the **A** and the **E** false).

Particular propositions across from each other at the bottom of the square (**I** and **O**), on the other hand, are the [subcontraries](#). Again assuming that the class designated by their subject term has at least one member, it is impossible for both of these propositions to be false, but possible for both to be true. “Some logicians are professors” and “Some logicians are not professors” are subcontraries, for example, since if there any logicians, then either at least one of them is a professor (making the **I** proposition true) or at least one is not a professor (making the **O** true) or some are and some are not professors (making both the **I** and the **O** true).

Finally, the universal and particular propositions on either side of the square of opposition (**A** and **I** on the one left and **E** and **O** on the right) exhibit a relationship known as [subalternation](#). Provided that there is at least one member of the class designated by the subject term they have in common, it is impossible for the universal

proposition of either quality to be true while the particular proposition of the same quality is false. Thus, for example, if it is universally true that “All sheep are ruminants“, then it must also hold for each particular case, so that “Some sheep are ruminants” is true, and if “Some sheep are ruminants” is false, then “All sheep are ruminants” must also be false, always on the assumption that there is at least one sheep. The same relationships hold for corresponding **E** and **O** propositions.

# 17. Categorical Syllogisms

## Categorical Syllogisms

### *The Structure of Syllogism*

Now, on to the next level, at which we combine more than one categorical proposition to fashion logical arguments. A [categorical syllogism](#) is an argument consisting of exactly three categorical propositions (two premises and a conclusion) in which there appear a total of exactly three categorical terms, each of which is used exactly twice.

One of those terms must be used as the subject term of the conclusion of the syllogism, and we call it the [minor term](#) of the syllogism as a whole. The [major term](#) of the syllogism is whatever is employed as the predicate term of its conclusion. The third term in the syllogism doesn't occur in the conclusion at all, but must be employed in somewhere in each of its premises; hence, we call it the [middle term](#).

Since one of the premises of the syllogism must be a categorical proposition that affirms some relation between its middle and major terms, we call that the [major premise](#) of the syllogism. The other premise, which links the middle and minor terms, we call the [minor premise](#).

Consider, for example, the categorical syllogism:

No geese are felines.  
Some birds are geese.  
Therefore, Some birds are not felines.

Clearly, "Some birds are not felines" is the conclusion of this syllogism. The major term of the syllogism is "felines" (the predicate

term of its conclusion), so “No geese are felines” (the premise in which “felines” appears) is its major premise. Similarly, the minor term of the syllogism is “birds,” and “Some birds are geese” is its minor premise. “geese” is the middle term of the syllogism.

### *Standard Form*

In order to make obvious the similarities of structure shared by different syllogisms, we will always present each of them in the same fashion. A categorical syllogism in [standard form](#) always begins with the premises, major first and then minor, and then finishes with the conclusion. Thus, the example above is already in standard form. Although arguments in ordinary language may be offered in a different arrangement, it is never difficult to restate them in standard form. Once we've identified the conclusion which is to be placed in the final position, whichever premise contains its predicate term must be the major premise that should be stated first.

Medieval logicians devised a simple way of labelling the various forms in which a categorical syllogism may occur by stating its [mood and figure](#). The **mood** of a syllogism is simply a statement of which categorical propositions (**A**, **E**, **I**, or **O**) it comprises, listed in the order in which they appear in standard form. Thus, a syllogism with a mood of **AOO** has an **O** proposition as its major premise, an **A** proposition as its minor premise, and another **O** proposition as its conclusion; and **EIO** syllogism has an **E** major premise, and **I** minor premise, and an **O** conclusion; etc.

Since there are four distinct versions of each syllogistic mood, however, we need to supplement this labelling system with a statement of the **figure** of each, which is solely determined by the position in which its middle term appears in the two premises: in a first-figure syllogism, the middle term is the subject term of the major premise and the predicate term of the minor premise; in second figure, the middle term is the predicate term of both

premises; in third, the subject term of both premises; and in fourth figure, the middle term appears as the predicate term of the major premise and the subject term of the minor premise. (The four figures may be easier to remember as a simple chart showing the position of the terms in each of the premises:

	M	P		P	M		M	P		P	M
1	\		2			3			4	/	
	S	M		S	M		M	S		M	S

All told, there are exactly 256 distinct forms of categorical syllogism: four kinds of major premise multiplied by four kinds of minor premise multiplied by four kinds of conclusion multiplied by four relative positions of the middle term. Used together, mood and figure provide a unique way of describing the logical structure of each of them. Thus, for example, the argument “Some merchants are pirates, and All merchants are swimmers, so Some swimmers are pirates” is an **IAI-3** syllogism, and any **AEE-4** syllogism must exhibit the form “All P are M, and No M are S, so No S are P.”

### *Form and Validity*

This method of differentiating syllogisms is significant because the validity of a categorical syllogism depends solely upon its [logical form](#). Remember our earlier definition: an argument is [valid](#) when, if its premises were true, then its conclusion would also have to be true. The application of this definition in no way depends upon the content of a specific categorical syllogism; it makes no difference whether the categorical terms it employs are “mammals,” “terriers,” and “dogs” or “sheep,” “commuters,” and “sandwiches.” If a syllogism is valid, it is impossible for its premises to be true while its conclusion is false, and that can be the case only if there is something faulty in its general form.

Thus, the specific syllogisms that share any one of the 256 distinct

sylogistic forms must either all be valid or all be invalid, no matter what their content happens to be. Every syllogism of the form **AAA-1** is valid, for example, while all syllogisms of the form **OEE-3** are invalid.

This suggests a fairly straightforward method of demonstrating the invalidity of any syllogism by “logical analogy.” If we can think of another syllogism which has the same mood and figure but whose terms obviously make both premises true and the conclusion false, then it is evident that all syllogisms of this form, including the one with which we began, must be invalid.

Thus, for example, it may be difficult at first glance to assess the validity of the argument:

All philosophers are professors.  
All philosophers are logicians.  
Therefore, All logicians are professors.

But since this is a categorical syllogism whose mood and figure are **AAA-3**, and since all syllogisms of the same form are equally valid or invalid, its reliability must be the same as that of the **AAA-3** syllogism:

All terriers are dogs.  
All terriers are mammals.  
Therefore, All mammals are dogs.

Both premises of this syllogism are true, while its conclusion is false, so it is clearly invalid. But then all syllogisms of the **AAA-3** form, including the one about logicians and professors, must also be invalid.

This method of demonstrating the invalidity of categorical syllogisms is useful in many contexts; even those who have not had the benefit of specialized training in formal logic will often acknowledge the force of a logical analogy. The only problem is that the success of the method depends upon our ability to invent

appropriate cases, syllogisms of the same form that obviously have true premises and a false conclusion. If I have tried for an hour to discover such a case, then either there can be no such case because the syllogism is valid or I simply haven't looked hard enough yet.

### *Diagramming Syllogisms*

The modern interpretation offers a more efficient method of evaluating the validity of categorical syllogisms. By combining the drawings of individual propositions, we can use Venn diagrams to assess the validity of categorical syllogisms by following a simple three-step procedure:

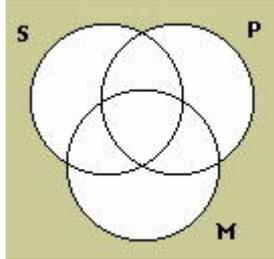
1. First draw three overlapping circles and label them to represent the major, minor, and middle terms of the syllogism.
2. Next, on this framework, draw the diagrams of both of the syllogism's premises.
  - Always begin with a universal proposition, no matter whether it is the major or the minor premise.
  - Remember that in each case you will be using only two of the circles in each case; ignore the third circle by making sure that your drawing (shading or  $\times$ ) straddles it.
3. Finally, without drawing anything else, look for the drawing of the conclusion. If the syllogism is valid, then that drawing will already be done.

Since it perfectly models the relationships between classes that are at work in categorical logic, this procedure always provides a demonstration of the validity or invalidity of any categorical syllogism.

Consider, for example, how it could be applied, step by step, to an evaluation of a syllogism of the **EIO-3** mood and figure,

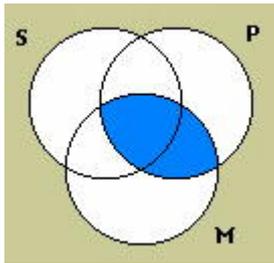
No M are P.  
 Some M are S.  
 Therefore, Some S are not P.

First, we draw and label the three overlapping circles needed to represent all three terms included in the categorical syllogism:



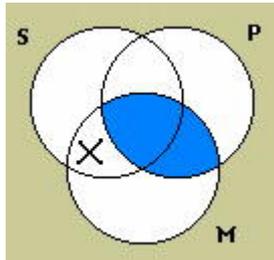
Second, we diagram each of the premises:

Since the major premise is a universal proposition, we may begin with it.

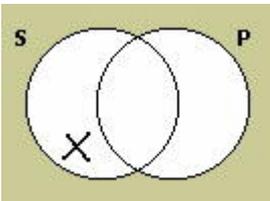


The diagram for “No M are P” must shade in the entire area in which the M and P circles overlap. (Notice that we ignore the S circle by shading on both sides of it.)

Now we add the minor premise to our drawing. The diagram for “Some M are S” puts an × inside the area where the M and S circles overlap. But part of that area (the portion also inside the P circle) has already been shaded, so our × must be placed in the remaining portion.



Third, we stop drawing and merely look at our result. Ignoring the M circle entirely, we need only ask whether the drawing of the conclusion “Some S are not P” has already been drawn.



Remember, that drawing would be like the one at left, in which there is an × in the area inside the S circle but outside the P circle. Does that already appear in the diagram on the right above? Yes, if

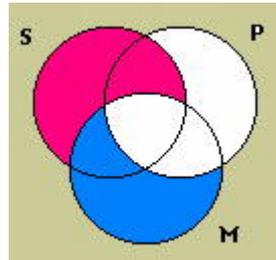
the premises have been drawn, then the conclusion is already drawn.

But this models a significant logical feature of the syllogism itself: if its premises are true, then its conclusion must also be true. Any categorical syllogism of this form is valid.

Here are the diagrams of several other syllogistic forms. In each case, both of the premises have already been drawn in the appropriate way, so if the drawing of the conclusion is already drawn, the syllogism must be valid, and if it is not, the syllogism must be invalid.

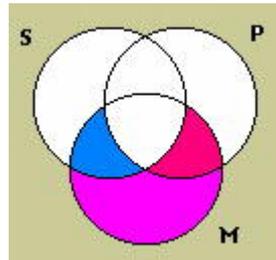
**AAA-1 (valid)**

All M are P.  
 All S are M.  
 Therefore, All S are P.

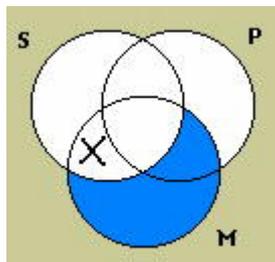


**AAA-3 (invalid)**

All M are P.  
 All M are S.  
 Therefore, All S are P.



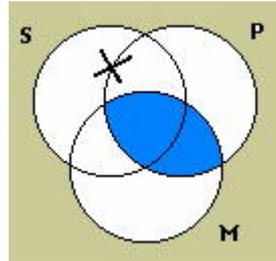
**OAO-3 (valid)**



Some M are not P.  
 All M are S.  
 Therefore, Some S are not P.

**EOO-2 (invalid)**

No P are M.

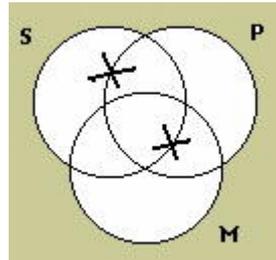


Some S are not M.

Therefore, Some S are not P.

**IOO-1 (invalid)**

Some M are P.



Some S are not M.

Therefore, Some S are not P.

Practice your skills in using Venn Diagrams to test the validity of Categorical Syllogisms by using Ron Blatt's excellent [Syllogism Evaluator](#).

# 18. Establishing Validity

## Establishing Validity

### *Rules and Fallacies*

Since the validity of a categorical syllogism depends solely upon its logical form, it is relatively simple to state the conditions under which the premises of syllogisms succeed in guaranteeing the truth of their conclusions. Relying heavily upon the medieval tradition, Copi & Cohen provide a list of six rules, each of which states a [necessary condition](#) for the validity of any categorical syllogism. Violating any of these rules involves committing one of the [formal fallacies](#), errors in reasoning that result from reliance on an invalid logical form.

**In every valid standard-form categorical syllogism . . .**

1. . . **there must be exactly three unambiguous categorical terms.** The use of exactly three categorical terms is part of the [definition of a categorical syllogism](#), and we saw earlier that the use of an [ambiguous term](#) in more than one of its senses amounts to the use of two distinct terms. In categorical syllogisms, using more than three terms commits the [fallacy of four terms](#) (quaternio terminorum).
2. . . **the middle term must be distributed in at least one premise.** In order to effectively establish the presence of a genuine connection between the major and minor terms, the premises of a syllogism must provide some information about the entire class designated by the middle term. If the middle term were undistributed in both premises, then the two portions of the designated class of which they speak might be

completely unrelated to each other. Syllogisms that violate this rule are said to commit the [fallacy of the undistributed middle](#).

3. . . . **any term distributed in the conclusion must also be distributed in its premise.** A premise that refers only to some members of the class designated by the major or minor term of a syllogism cannot be used to support a conclusion that claims to tell us about every member of that class. Depending which of the terms is misused in this way, syllogisms in violation commit either the fallacy of the [illicit major](#) or the fallacy of the [illicit minor](#).
4. . . . **at least one premise must be affirmative.** Since the exclusion of the class designated by the middle term from each of the classes designated by the major and minor terms entails nothing about the relationship between those two classes, nothing follows from two negative premises. The [fallacy of exclusive premises](#) violates this rule.
5. . . . **if either premise is negative, the conclusion must also be negative.** For similar reasons, no affirmative conclusion about class inclusion can follow if either premise is a negative proposition about class exclusion. A violation results in [the fallacy of drawing an affirmative conclusion from negative premises](#).
6. . . . **if both premises are universal, then the conclusion must also be universal.** Because we do not assume the [existential import](#) of universal propositions, they cannot be used as premises to establish the existential import that is part of any particular proposition. The [existential fallacy](#) violates this rule.

Although it is possible to identify additional features shared by all valid categorical syllogisms (none of them, for example, have two particular premises), these six rules are jointly sufficient to distinguish between valid and invalid syllogisms.

## *Names for the Valid Syllogisms*

A careful application of these rules to the 256 possible forms of categorical syllogism (assuming the denial of [existential import](#)) leaves only 15 that are valid. Medieval students of logic, relying on syllogistic reasoning in their public disputations, found it convenient to assign a unique name to each valid syllogism. These names are full of clever reminders of the appropriate standard form: their initial letters divide the valid cases into four major groups, the vowels in order state the mood of the syllogism, and its figure is indicated by (complicated) use of m, r, and s. Although the modern interpretation of categorical logic provides an easier method for determining the validity of categorical syllogisms, it may be worthwhile to note the fifteen valid cases by name:

The most common and useful syllogistic form is "[Barbara](#)", whose mood and figure is **AAA-1**:

All M are P.  
All S are M.  
Therefore, All S are P.

Instances of this form are especially powerful, since they are the only valid syllogisms whose conclusions are universal affirmative propositions.

A syllogism of the form **AOO-2** was called "[Baroco](#)":

All P are M.  
Some S are not M.  
Therefore, Some S are not P.

The valid form **AOO-3** ("[Bocardo](#)") is:

Some M are not P.  
All M are S.  
Therefore, Some S are not P.

Four of the fifteen valid argument forms use universal premises

(only one of which is affirmative) to derive a universal negative conclusion:

One of them is "[Camenes](#)" (**AEE-4**):

All P are M.  
No M are S.  
Therefore, No S are P.

Converting its minor premise leads to "[Camestres](#)" (**AEE-2**):

All P are M.  
No S are M.  
Therefore, No S are P.

Another pair begins with "[Celarent](#)" (**EAE-1**):

No M are P.  
All S are M.  
Therefore, No S are P.

Converting the major premise in this case yields "[Cesare](#)" (**EAE-2**):

No P are M.  
All S are M.  
Therefore, No S are P.

Syllogisms of another important set of forms use affirmative premises (only one of which is universal) to derive a particular affirmative conclusion:

The first in this group is **AII-1** ("[Dari](#)"):

All M are P.  
Some S are M.  
Therefore, Some S are P.

Converting the minor premise produces another valid form, **AII-3** ("[Datisi](#)"):

All M are P.  
Some M are S.  
Therefore, Some S are P.

The second pair begins with [“Disamis” \(IAI-3\)](#):

Some M are P.  
All M are S.  
Therefore, Some S are P.

Converting the major premise in this case yields [“Dimaris” \(IAI-4\)](#):

Some P are M.  
All M are S.  
Therefore, Some S are P.

Only one of the 64 distinct moods for syllogistic form is valid in all four figures, since both of its premises permit legitimate conversions:

Begin with **EIO-1** ([“Ferio”](#)):

No M are P.  
Some S are M.  
Therefore, Some S are not P.

Converting the major premise produces **EIO-2** ([“Festino”](#)):

No P are M.  
Some S are M.  
Therefore, Some S are not P.

Next, converting the minor premise of this result yields **EIO-4** ([“Fresison”](#)):

No P are M.  
Some M are S.  
Therefore, Some S are not P.

Finally, converting the major again leads to **EIO-3** ("[Ferison](#)"):

No M are P.

Some M are S.

Therefore, Some S are not P.

Notice that converting the minor of this syllogistic form will return us back to "Ferio."

# 19. Immediate Inferences

## Immediate Inferences

If we expand the scope of our investigation to include shared terms and their complements, we can identify logical relationships of three additional varieties. Since each of these new cases involves a pair of categorical propositions that are logically equivalent to each other—that is, either both of them are true or both are false—they enable us to draw an [immediate inference](#) from the truth (or falsity) of either member of the pair to the truth (or falsity) the other.

### *Conversion*

The [converse](#) of any categorical proposition is the new categorical proposition that results from putting the predicate term of the original proposition in the subject place of the new proposition and the subject term of the original in the predicate place of the new. Thus, for example, the converse of “No dogs are felines” is “No felines are dogs,” and the converse of “Some snakes are poisonous animals” is “Some poisonous animals are snakes.”

Conversion grounds an immediate inference for both **E** and **I** propositions. That is, the converse of any **E** or **I** proposition is true if and only if the original proposition was true. Thus, in each of the pairs noted as examples in the previous paragraph, either both propositions are true or both are false.

In addition, if we first perform a subalternation and then convert our result, then the truth of an **A** proposition may be said, in “conversion by limitation,” to entail the truth of an **I** proposition with subject and predicate terms reversed: If “All singers are

performers” then “Some performers are singers.” But this will work only if there really is at least one singer.

Generally speaking, however, conversion doesn't hold for **A** and **O** propositions: it is entirely possible for “All dogs are mammals” to be true while “All mammals are dogs” is false, for example, and for “Some females are not mothers” to be true while “Some mothers are not females” is false. Thus, conversion does not warrant a reliable immediate inference with respect to **A** and **O** propositions.

### *Obversion*

In order to form the **obverse** of a categorical proposition, we replace the predicate term of the proposition with its complement and reverse the quality of the proposition, either from affirmative to negative or from negative to affirmative. Thus, for example, the obverse of “All ants are insects” is “No ants are non-insects”; the obverse of “No fish are mammals” is “All fish are non-mammals”; the obverse of “Some musicians are males” is “Some musicians are not non-males”; and the obverse of “Some cars are not sedans” is “Some cars are non-sedans.”

Obversion is the only immediate inference that is valid for categorical propositions of every form. In each of the instances cited above, the original proposition and its obverse must have exactly the same truth-value, whether it turns out to be true or false.

### *Contraposition*

The **contrapositive** of any categorical proposition is the new categorical proposition that results from putting the complement of the predicate term of the original proposition in the subject

place of the new proposition and the complement of the subject term of the original in the predicate place of the new. Thus, for example, the contrapositive of “All crows are birds” is “All non-birds are non-crows,” and the contrapositive of “Some carnivores are not mammals” is “Some non-mammals are not non-carnivores.”

Contraposition is a reliable immediate inference for both **A** and **O** propositions; that is, the contrapositive of any **A** or **O** proposition is true if and only if the original proposition was true. Thus, in each of the pairs in the paragraph above, both propositions have exactly the same truth-value.

In addition, if we form the contrapositive of our result after performing subalternation, then an **E** proposition, in “contraposition by limitation,” entails the truth of a related **O** proposition: If “No bandits are biologists” then “Some non-biologists are not non-bandits,” provided that there is at least one member of the class designated by “bandits.”

In general, however, contraposition is not valid for **E** and **I** propositions: “No birds are plants” and “No non-plants are non-birds” need not have the same truth-value, nor do “Some spiders are insects” and “Some non-insects are non-spiders.” Thus, contraposition does not hold as an immediate inference for **E** and **I** propositions.

Omitting the troublesome cases of conversion and contraposition “by limitation,” then, there are exactly two reliable operations that can be performed on a categorical proposition of any form:

---

<b>A</b> proposition: <b>All S are P.</b>		
	Obverse	<b>No S are non-P.</b>
	Contrapositive	<b>All non-P are non-S.</b>
<b>E</b> proposition: <b>No S are P.</b>		
	Converse	<b>No P are S.</b>
	Obverse	<b>All S are non-P.</b>
<b>I</b> proposition: <b>Some S are P.</b>		
	Converse	<b>Some P are S.</b>
	Obverse	<b>Some S are not non-P.</b>
<b>O</b> proposition: <b>Some S are not P.</b>		
	Obverse	<b>Some S are non-P.</b>
	Contrapositive	<b>Some non-P are not non-S.</b>

---

### *Existential Import*

It is time to express more explicitly an important qualification regarding the logical relationships among categorical propositions. You may have noticed that at several points in these two lessons we declared that there must be some things a certain kind. This special assumption, that the class designated by the subject term of a universal proposition has at least one member, is called [existential import](#). Classical logicians typically [presupposed](#) that universal propositions do have existential import.

But modern logicians have pointed that the system of categorical logic is more useful if we deny the existential import of universal propositions while granting, of course, that particular propositions do presuppose the [existence](#) of at least one member of their subject classes. It is sometimes very handy, even for non-philosophers, to make a general statement about things that don't exist. A sign that

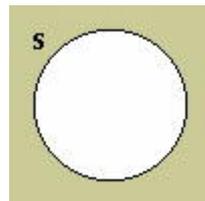
reads, “All shoplifters are prosecuted to the full extent of the law,” for example, is presumably intended to make sure that the class designated by its subject term remains entirely empty. In the remainder of our discussion of categorical logic, we will exclusively employ this modern interpretation of universal propositions.

Although it has many advantages, the denial of existential import does undermine the reliability of some of the truth-relations we’ve considered so far. In the traditional square of opposition, only the contradictories survive intact; the relationships of the contraries, the subcontraries, and subalternation no longer hold when we do not suppose that the classes designated by the subject terms of **A** and **E** propositions have members. (And since conversion and contraposition “by limitation” derive from subalternation, they too must be forsworn.) From now on, therefore, we will rely only upon the immediate inferences in the table at the end of the previous section of this lesson and suppose that **A** and **O** propositions and **E** and **I** propositions are genuinely contradictory.

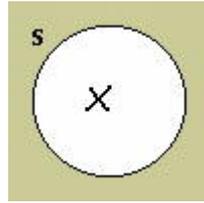
### *Diagramming Propositions*

The modern interpretation of categorical logic also permits a more convenient way of assessing the truth-conditions of categorical propositions, by drawing [Venn diagrams](#), topological representations of the logical relationships among the classes designated by categorical terms. The basic idea is fairly straightforward:

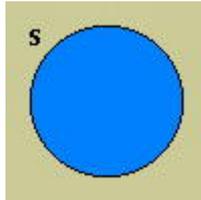
Each categorical term is represented by a labelled circle. The area inside the circle represents the extension of the categorical term, and the area outside the circle its complement. Thus, members of the class designated by the categorical term would be located within the circle, and everything else in the world would be located outside it.



We indicate that there is at least one member of a specific class by placing an  $\times$  inside the circle; an  $\times$  outside the circle would indicate that there is at least one member of the complementary class.



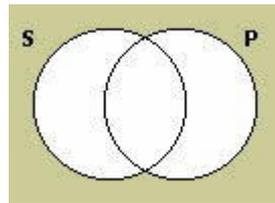
To show that there are no members of a specific class, we shade the entire area inside the circle; shading everything outside the circle would indicate that there are no members of the complementary class.



Notice that diagrams of these two sorts are incompatible: no area of a Venn diagram can both be shaded and contain an  $\times$ ; either there is at least one member of the represented class, or there are none.

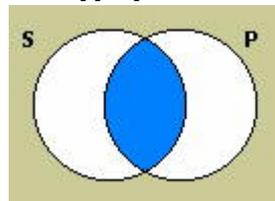
Notice that diagrams of these two sorts are incompatible: no area of a Venn diagram can both be shaded and contain an  $\times$ ; either there is at least one member of the represented class, or there are none.

In order to represent a categorical proposition, we must draw two overlapping circles, creating four distinct areas corresponding to four kinds of things: those that are members of the class designated by the subject term but not of that designated by the predicate term; those that are members of both classes; those that are members of the class designated by the predicate term but not of that designated by the subject term; and those that are not members of either class.

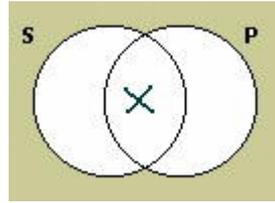


Categorical propositions of each of the four varieties may then be diagrammed by shading or placing an  $\times$  in the appropriate area:

The universal negative (**E**) proposition asserts that nothing is a member of both classes designated by its terms, so its diagram shades the area in which the two circles overlap.

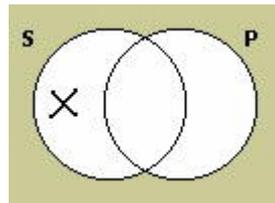


The particular affirmative (**I**) proposition asserts that there is at least one thing that is a member of both classes, so its diagram places an  $\times$  in the area where the two circles overlap.

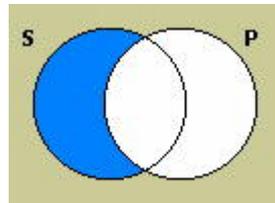


Notice that the incompatibility of these two diagrams models the contradictory relationship between **E** and **I** propositions; one of them must be true and the other false, since either there is at least one member that the two classes have in common or there are none.

The particular negative (**O**) proposition asserts that there is at least one thing that is a member of the class designated by its subject term but not of the class designated by its predicate term, so its diagram places an  $\times$  in the area inside the circle that represents the subject term but outside the circle that represents the predicate term.



Finally, the universal affirmative (**A**) proposition asserts that every member of the subject class is also a member of the predicate class. Since this entails that there is nothing that is a member of the subject class that is not a member of the predicate class, an **A** proposition can be diagrammed by shading the area inside the subject circle but outside the predicate circle.



Again, the incompatibility of the diagrams for **A** and **O** propositions represents the fact that they are logically contradictory; one of them must be true and the other false.



PART IV

# MODULE 3: ETHICS



## 20. John Stuart Mill



The son of [James Mill](#), a friend and follower of [Jeremy Bentham](#), John Stuart Mill was subjected to a rigorous education at home: he mastered English and the classical languages as a child, studied logic and philosophy extensively, read the law with [John Austin](#), and then embarked on a thirty-five career with the British East India

Company at the age of seventeen. (He also suffered through a severe bout of depression before turning twenty-one.) Despite such a rich background, Mill credited the bulk of his intellectual and personal development to his long and intimate association with [Harriet Hardy Taylor](#). They were devoted friends for two decades before the death of her husband made it possible for them to marry in 1852; she died in Avignon six years later. Mill continued to write and to participate in political affairs, serving one term in Parliament (1865-68). The best source of information about Mill's life is his own [AUTOBIOGRAPHY](#) (1873).

Philosophically, Mill was a radical [empiricist](#) who held that all human knowledge, including even mathematics and logic, is derived by generalization from sensory experience. In [A SYSTEM OF LOGIC, RATIOCINATIVE AND INDUCTIVE](#) (1843) he explained in great



detail [the canons for reasoning inductively](#) to conclusions about the causal connections exhibited in the natural world.

Mill's moral philosophy was a modified version of the [utilitarian theory](#) he had learned from his father and Bentham. In the polemical [UTILITARIANISM](#) (1861) Mill developed a [systematic statement of utilitarian ethical theory](#). He modified and defended the general principle that right actions are those that tend to produce the [greatest happiness of the greatest number](#) of people, being careful to include a distinction in the quality of the pleasures that constitute [happiness](#). There Mill also attempted a proof of the principle of utility, explained its enforcement, and discussed its relation to a principle of justice.



Mill's greatest contribution to political theory occurs in [ON LIBERTY](#) (1859), where [he defended the broadest possible freedom of thought and expression](#) and argued that the state can justify interference with the conduct of individual citizens only when it is clear that doing so will prevent a greater harm to others. Mill also addressed matters of social concern in [PRINCIPLES OF POLITICAL ECONOMY](#) (1848) and [CONSIDERATIONS ON REPRESENTATIVE GOVERNMENT](#) (1861) and eloquently supported [the cause of women's rights](#) in [THE SUBJECTION OF WOMEN](#) (1869).

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**Recommended Reading: Primary sources:**

- THE COLLECTED WORKS OF JOHN STUART MILL (Toronto, 1963- )
- John Stuart Mill, AUTOBIOGRAPHY, ed. by John Robson (Penguin, 1990)
- John Stuart Mill, UTILITARIANISM AND OTHER ESSAYS, ed. by Alan Ryan (Viking, 1987)
- John Stuart Mill, ON LIBERTY AND UTILITARIANISM (Bantam, 1993)
- John Stuart Mill, THE SUBJECTION OF WOMEN (Prometheus, 1986)
- John Stuart Mill, PRINCIPLES OF POLITICAL ECONOMY: AND CHAPTERS ON SOCIALISM, ed. by Jonathan Riley (Oxford, 1999)

**Secondary sources:**

- MILL'S ON LIBERTY: CRITICAL ESSAYS, ed. by Gerald Dworkin (Rowman & Littlefield, 1997)
- THE CAMBRIDGE COMPANION TO MILL, ed. by John Skorupski (Cambridge, 1997)
- Roger Crisp, ROUTLEDGE PHILOSOPHY GUIDEBOOK TO MILL ON UTILITARIANISM (Routledge, 1997)
- Jonathan Riley, ROUTLEDGE PHILOSOPHY GUIDEBOOK TO MILL ON LIBERTY (Routledge, 1998)

**Additional on-line information about Mill includes:**

- articles in *The Stanford Encyclopedia of Philosophy* on:
  - [Mill](#) by Fred Wilson.
  - [and his moral and political thought](#) by David Brink.
- The full article available at [Encyclopædia Britannica Online](#).
- A thorough article in [\\* The Internet Encyclopedia of Philosophy](#).
- Lawrence Hinman's [survey of utilitarianism](#) at Ethics Updates.
- The thorough collection of resources at [EpistemeLinks.com](#).
- Materials available at [Bartleby.com](#) .

# 2I. Immanuel Kant: Fundamental Principles of the Metaphysics of Morals (Part 2)

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## FUNDAMENTAL PRINCIPLES OF THE METAPHYSIC OF MORALS

by Immanuel Kant

translated by Thomas Kingsmill Abbott

### *PREFACE*

Ancient Greek philosophy was divided into three sciences: physics, ethics, and logic. This division is perfectly suitable to the nature of the thing; and the only improvement that can be made in it is to add the principle on which it is based, so that we may both satisfy ourselves of its completeness, and also be able to determine correctly the necessary subdivisions.

All rational knowledge is either material or formal: the former considers some object, the latter is concerned only with the form of the understanding and of the reason itself, and with the universal laws of thought in general without distinction of its objects. Formal philosophy is called logic. Material philosophy, however, which has to do with determinate objects and the laws to which they are subject, is again twofold; for these laws are either laws of nature or of freedom. The science of the former is physics, that of the latter, ethics; they are also called natural philosophy and moral philosophy respectively.

Logic cannot have any empirical part; that is, a part in which the universal and necessary laws of thought should rest on grounds taken from experience; otherwise it would not be logic, i.e., a canon

for the understanding or the reason, valid for all thought, and capable of demonstration. Natural and moral philosophy, on the contrary, can each have their empirical part, since the former has to determine the laws of nature as an object of experience; the latter the laws of the human will, so far as it is affected by nature: the former, however, being laws according to which everything does happen; the latter, laws according to which everything ought to happen. Ethics, however, must also consider the conditions under which what ought to happen frequently does not.

We may call all philosophy empirical, so far as it is based on grounds of experience: on the other hand, that which delivers its doctrines from a priori principles alone we may call pure philosophy. When the latter is merely formal it is logic; if it is restricted to definite objects of the understanding it is metaphysic.

In this way there arises the idea of a twofold metaphysic- a metaphysic of nature and a metaphysic of morals. Physics will thus have an empirical and also a rational part. It is the same with Ethics; but here the empirical part might have the special name of practical anthropology, the name morality being appropriated to the rational part.

All trades, arts, and handiworks have gained by division of labour, namely, when, instead of one man doing everything, each confines himself to a certain kind of work distinct from others in the treatment it requires, so as to be able to perform it with greater facility and in the greatest perfection. Where the different kinds of work are not distinguished and divided, where everyone is a jack-of-all-trades, there manufactures remain still in the greatest barbarism. It might deserve to be considered whether pure philosophy in all its parts does not require a man specially devoted to it, and whether it would not be better for the whole business of science if those who, to please the tastes of the public, are wont to blend the rational and empirical elements together, mixed in all sorts of proportions unknown to themselves, and who call themselves independent thinkers, giving the name of minute philosophers to those who apply themselves to the rational part

only- if these, I say, were warned not to carry on two employments together which differ widely in the treatment they demand, for each of which perhaps a special talent is required, and the combination of which in one person only produces bunglers. But I only ask here whether the nature of science does not require that we should always carefully separate the empirical from the rational part, and prefix to Physics proper (or empirical physics) a metaphysic of nature, and to practical anthropology a metaphysic of morals, which must be carefully cleared of everything empirical, so that we may know how much can be accomplished by pure reason in both cases, and from what sources it draws this its a priori teaching, and that whether the latter inquiry is conducted by all moralists (whose name is legion), or only by some who feel a calling thereto.

As my concern here is with moral philosophy, I limit the question suggested to this: Whether it is not of the utmost necessity to construct a pure thing which is only empirical and which belongs to anthropology? for that such a philosophy must be possible is evident from the common idea of duty and of the moral laws. Everyone must admit that if a law is to have moral force, i.e., to be the basis of an obligation, it must carry with it absolute necessity; that, for example, the precept, "Thou shalt not lie," is not valid for men alone, as if other rational beings had no need to observe it; and so with all the other moral laws properly so called; that, therefore, the basis of obligation must not be sought in the nature of man, or in the circumstances in the world in which he is placed, but a priori simply in the conception of pure reason; and although any other precept which is founded on principles of mere experience may be in certain respects universal, yet in as far as it rests even in the least degree on an empirical basis, perhaps only as to a motive, such a precept, while it may be a practical rule, can never be called a moral law.

Thus not only are moral laws with their principles essentially distinguished from every other kind of practical knowledge in which there is anything empirical, but all moral philosophy rests wholly on its pure part. When applied to man, it does not borrow the least thing from the knowledge of man himself (anthropology), but gives

laws a priori to him as a rational being. No doubt these laws require a judgement sharpened by experience, in order on the one hand to distinguish in what cases they are applicable, and on the other to procure for them access to the will of the man and effectual influence on conduct; since man is acted on by so many inclinations that, though capable of the idea of a practical pure reason, he is not so easily able to make it effective in concreto in his life.

A metaphysic of morals is therefore indispensably necessary, not merely for speculative reasons, in order to investigate the sources of the practical principles which are to be found a priori in our reason, but also because morals themselves are liable to all sorts of corruption, as long as we are without that clue and supreme canon by which to estimate them correctly. For in order that an action should be morally good, it is not enough that it conform to the moral law, but it must also be done for the sake of the law, otherwise that conformity is only very contingent and uncertain; since a principle which is not moral, although it may now and then produce actions conformable to the law, will also often produce actions which contradict it. Now it is only in a pure philosophy that we can look for the moral law in its purity and genuineness (and, in a practical matter, this is of the utmost consequence): we must, therefore, begin with pure philosophy (metaphysic), and without it there cannot be any moral philosophy at all. That which mingles these pure principles with the empirical does not deserve the name of philosophy (for what distinguishes philosophy from common rational knowledge is that it treats in separate sciences what the latter only comprehends confusedly); much less does it deserve that of moral philosophy, since by this confusion it even spoils the purity of morals themselves, and counteracts its own end.

Let it not be thought, however, that what is here demanded is already extant in the propaedeutic prefixed by the celebrated Wolf to his moral philosophy, namely, his so-called general practical philosophy, and that, therefore, we have not to strike into an entirely new field. Just because it was to be a general practical philosophy, it has not taken into consideration a will of any

particular kind- say one which should be determined solely from a priori principles without any empirical motives, and which we might call a pure will, but volition in general, with all the actions and conditions which belong to it in this general signification. By this it is distinguished from a metaphysic of morals, just as general logic, which treats of the acts and canons of thought in general, is distinguished from transcendental philosophy, which treats of the particular acts and canons of pure thought, i.e., that whose cognitions are altogether a priori. For the metaphysic of morals has to examine the idea and the principles of a possible pure will, and not the acts and conditions of human volition generally, which for the most part are drawn from psychology. It is true that moral laws and duty are spoken of in the general moral philosophy (contrary indeed to all fitness). But this is no objection, for in this respect also the authors of that science remain true to their idea of it; they do not distinguish the motives which are prescribed as such by reason alone altogether a priori, and which are properly moral, from the empirical motives which the understanding raises to general conceptions merely by comparison of experiences; but, without noticing the difference of their sources, and looking on them all as homogeneous, they consider only their greater or less amount. It is in this way they frame their notion of obligation, which, though anything but moral, is all that can be attained in a philosophy which passes no judgement at all on the origin of all possible practical concepts, whether they are a priori, or only a posteriori.

Intending to publish hereafter a metaphysic of morals, I issue in the first instance these fundamental principles. Indeed there is properly no other foundation for it than the critical examination of a pure practical reason; just as that of metaphysics is the critical examination of the pure speculative reason, already published. But in the first place the former is not so absolutely necessary as the latter, because in moral concerns human reason can easily be brought to a high degree of correctness and completeness, even in the commonest understanding, while on the contrary in its theoretic but pure use it is wholly dialectical; and in the second

place if the critique of a pure practical Reason is to be complete, it must be possible at the same time to show its identity with the speculative reason in a common principle, for it can ultimately be only one and the same reason which has to be distinguished merely in its application. I could not, however, bring it to such completeness here, without introducing considerations of a wholly different kind, which would be perplexing to the reader. On this account I have adopted the title of Fundamental Principles of the Metaphysic of Morals instead of that of a Critical Examination of the pure practical reason.

But in the third place, since a metaphysic of morals, in spite of the discouraging title, is yet capable of being presented in popular form, and one adapted to the common understanding, I find it useful to separate from it this preliminary treatise on its fundamental principles, in order that I may not hereafter have need to introduce these necessarily subtle discussions into a book of a more simple character.

The present treatise is, however, nothing more than the investigation and establishment of the supreme principle of morality, and this alone constitutes a study complete in itself and one which ought to be kept apart from every other moral investigation. No doubt my conclusions on this weighty question, which has hitherto been very unsatisfactorily examined, would receive much light from the application of the same principle to the whole system, and would be greatly confirmed by the adequacy which it exhibits throughout; but I must forego this advantage, which indeed would be after all more gratifying than useful, since the easy applicability of a principle and its apparent adequacy give no very certain proof of its soundness, but rather inspire a certain partiality, which prevents us from examining and estimating it strictly in itself and without regard to consequences.

I have adopted in this work the method which I think most suitable, proceeding analytically from common knowledge to the determination of its ultimate principle, and again descending synthetically from the examination of this principle and its sources

to the common knowledge in which we find it employed. The division will, therefore, be as follows:

1 FIRST SECTION. Transition from the common rational knowledge of morality to the philosophical.

2 SECOND SECTION. Transition from popular moral philosophy to the metaphysic of morals.

3 THIRD SECTION. Final step from the metaphysic of morals to the critique of the pure practical reason.

SEC\_I

FIRST SECTION

## TRANSITION FROM THE COMMON RATIONAL KNOWLEDGE

OF MORALITY TO THE PHILOSOPHICAL

Nothing can possibly be conceived in the world, or even out of it, which can be called good, without qualification, except a good will. Intelligence, wit, judgement, and the other talents of the mind, however they may be named, or courage, resolution, perseverance, as qualities of temperament, are undoubtedly good and desirable in many respects; but these gifts of nature may also become extremely bad and mischievous if the will which is to make use of them, and which, therefore, constitutes what is called character, is not good. It is the same with the gifts of fortune. Power, riches, honour, even health, and the general well-being and contentment with one's condition which is called happiness, inspire pride, and often presumption, if there is not a good will to correct the influence of these on the mind, and with this also to rectify the whole principle

of acting and adapt it to its end. The sight of a being who is not adorned with a single feature of a pure and good will, enjoying unbroken prosperity, can never give pleasure to an impartial rational spectator. Thus a good will appears to constitute the indispensable condition even of being worthy of happiness.

There are even some qualities which are of service to this good will itself and may facilitate its action, yet which have no intrinsic unconditional value, but always presuppose a good will, and this qualifies the esteem that we justly have for them and does not permit us to regard them as absolutely good. Moderation in the affections and passions, self-control, and calm deliberation are not only good in many respects, but even seem to constitute part of the intrinsic worth of the person; but they are far from deserving to be called good without qualification, although they have been so unconditionally praised by the ancients. For without the principles of a good will, they may become extremely bad, and the coolness of a villain not only makes him far more dangerous, but also directly makes him more abominable in our eyes than he would have been without it.

A good will is good not because of what it performs or effects, not by its aptness for the attainment of some proposed end, but simply by virtue of the volition; that is, it is good in itself, and considered by itself is to be esteemed much higher than all that can be brought about by it in favour of any inclination, nay even of the sum total of all inclinations. Even if it should happen that, owing to special disfavour of fortune, or the niggardly provision of a step-motherly nature, this will should wholly lack power to accomplish its purpose, if with its greatest efforts it should yet achieve nothing, and there should remain only the good will (not, to be sure, a mere wish, but the summoning of all means in our power), then, like a jewel, it would still shine by its own light, as a thing which has its whole value in itself. Its usefulness or fruitlessness can neither add nor take away anything from this value. It would be, as it were, only the setting to enable us to handle it the more conveniently in common commerce, or to attract to it the attention of those who are not yet

connoisseurs, but not to recommend it to true connoisseurs, or to determine its value.

There is, however, something so strange in this idea of the absolute value of the mere will, in which no account is taken of its utility, that notwithstanding the thorough assent of even common reason to the idea, yet a suspicion must arise that it may perhaps really be the product of mere high-flown fancy, and that we may have misunderstood the purpose of nature in assigning reason as the governor of our will. Therefore we will examine this idea from this point of view.

In the physical constitution of an organized being, that is, a being adapted suitably to the purposes of life, we assume it as a fundamental principle that no organ for any purpose will be found but what is also the fittest and best adapted for that purpose. Now in a being which has reason and a will, if the proper object of nature were its conservation, its welfare, in a word, its happiness, then nature would have hit upon a very bad arrangement in selecting the reason of the creature to carry out this purpose. For all the actions which the creature has to perform with a view to this purpose, and the whole rule of its conduct, would be far more surely prescribed to it by instinct, and that end would have been attained thereby much more certainly than it ever can be by reason. Should reason have been communicated to this favoured creature over and above, it must only have served it to contemplate the happy constitution of its nature, to admire it, to congratulate itself thereon, and to feel thankful for it to the beneficent cause, but not that it should subject its desires to that weak and delusive guidance and meddle bunglingly with the purpose of nature. In a word, nature would have taken care that reason should not break forth into practical exercise, nor have the presumption, with its weak insight, to think out for itself the plan of happiness, and of the means of attaining it. Nature would not only have taken on herself the choice of the ends, but also of the means, and with wise foresight would have entrusted both to instinct.

And, in fact, we find that the more a cultivated reason applies

itself with deliberate purpose to the enjoyment of life and happiness, so much the more does the man fail of true satisfaction. And from this circumstance there arises in many, if they are candid enough to confess it, a certain degree of misology, that is, hatred of reason, especially in the case of those who are most experienced in the use of it, because after calculating all the advantages they derive, I do not say from the invention of all the arts of common luxury, but even from the sciences (which seem to them to be after all only a luxury of the understanding), they find that they have, in fact, only brought more trouble on their shoulders, rather than gained in happiness; and they end by envying, rather than despising, the more common stamp of men who keep closer to the guidance of mere instinct and do not allow their reason much influence on their conduct. And this we must admit, that the judgement of those who would very much lower the lofty eulogies of the advantages which reason gives us in regard to the happiness and satisfaction of life, or who would even reduce them below zero, is by no means morose or ungrateful to the goodness with which the world is governed, but that there lies at the root of these judgements the idea that our existence has a different and far nobler end, for which, and not for happiness, reason is properly intended, and which must, therefore, be regarded as the supreme condition to which the private ends of man must, for the most part, be postponed.

For as reason is not competent to guide the will with certainty in regard to its objects and the satisfaction of all our wants (which it to some extent even multiplies), this being an end to which an implanted instinct would have led with much greater certainty; and since, nevertheless, reason is imparted to us as a practical faculty, i.e., as one which is to have influence on the will, therefore, admitting that nature generally in the distribution of her capacities has adapted the means to the end, its true destination must be to produce a will, not merely good as a means to something else, but good in itself, for which reason was absolutely necessary. This will then, though not indeed the sole and complete good, must be the supreme good and the condition of every other, even of the

desire of happiness. Under these circumstances, there is nothing inconsistent with the wisdom of nature in the fact that the cultivation of the reason, which is requisite for the first and unconditional purpose, does in many ways interfere, at least in this life, with the attainment of the second, which is always conditional, namely, happiness. Nay, it may even reduce it to nothing, without nature thereby failing of her purpose. For reason recognizes the establishment of a good will as its highest practical destination, and in attaining this purpose is capable only of a satisfaction of its own proper kind, namely that from the attainment of an end, which end again is determined by reason only, notwithstanding that this may involve many a disappointment to the ends of inclination.

We have then to develop the notion of a will which deserves to be highly esteemed for itself and is good without a view to anything further, a notion which exists already in the sound natural understanding, requiring rather to be cleared up than to be taught, and which in estimating the value of our actions always takes the first place and constitutes the condition of all the rest. In order to do this, we will take the notion of duty, which includes that of a good will, although implying certain subjective restrictions and hindrances. These, however, far from concealing it, or rendering it unrecognizable, rather bring it out by contrast and make it shine forth so much the brighter.

I omit here all actions which are already recognized as inconsistent with duty, although they may be useful for this or that purpose, for with these the question whether they are done from duty cannot arise at all, since they even conflict with it. I also set aside those actions which really conform to duty, but to which men have no direct inclination, performing them because they are impelled thereto by some other inclination. For in this case we can readily distinguish whether the action which agrees with duty is done from duty, or from a selfish view. It is much harder to make this distinction when the action accords with duty and the subject has besides a direct inclination to it. For example, it is always a matter of duty that a dealer should not over charge an

inexperienced purchaser; and wherever there is much commerce the prudent tradesman does not overcharge, but keeps a fixed price for everyone, so that a child buys of him as well as any other. Men are thus honestly served; but this is not enough to make us believe that the tradesman has so acted from duty and from principles of honesty: his own advantage required it; it is out of the question in this case to suppose that he might besides have a direct inclination in favour of the buyers, so that, as it were, from love he should give no advantage to one over another. Accordingly the action was done neither from duty nor from direct inclination, but merely with a selfish view.

On the other hand, it is a duty to maintain one's life; and, in addition, everyone has also a direct inclination to do so. But on this account the often anxious care which most men take for it has no intrinsic worth, and their maxim has no moral import. They preserve their life as duty requires, no doubt, but not because duty requires. On the other hand, if adversity and hopeless sorrow have completely taken away the relish for life; if the unfortunate one, strong in mind, indignant at his fate rather than desponding or dejected, wishes for death, and yet preserves his life without loving it- not from inclination or fear, but from duty- then his maxim has a moral worth.

To be beneficent when we can is a duty; and besides this, there are many minds so sympathetically constituted that, without any other motive of vanity or self-interest, they find a pleasure in spreading joy around them and can take delight in the satisfaction of others so far as it is their own work. But I maintain that in such a case an action of this kind, however proper, however amiable it may be, has nevertheless no true moral worth, but is on a level with other inclinations, e.g., the inclination to honour, which, if it is happily directed to that which is in fact of public utility and accordant with duty and consequently honourable, deserves praise and encouragement, but not esteem. For the maxim lacks the moral import, namely, that such actions be done from duty, not from inclination. Put the case that the mind of that philanthropist were

clouded by sorrow of his own, extinguishing all sympathy with the lot of others, and that, while he still has the power to benefit others in distress, he is not touched by their trouble because he is absorbed with his own; and now suppose that he tears himself out of this dead insensibility, and performs the action without any inclination to it, but simply from duty, then first has his action its genuine moral worth. Further still; if nature has put little sympathy in the heart of this or that man; if he, supposed to be an upright man, is by temperament cold and indifferent to the sufferings of others, perhaps because in respect of his own he is provided with the special gift of patience and fortitude and supposes, or even requires, that others should have the same- and such a man would certainly not be the meanest product of nature- but if nature had not specially framed him for a philanthropist, would he not still find in himself a source from whence to give himself a far higher worth than that of a good-natured temperament could be? Unquestionably. It is just in this that the moral worth of the character is brought out which is incomparably the highest of all, namely, that he is beneficent, not from inclination, but from duty.

To secure one's own happiness is a duty, at least indirectly; for discontent with one's condition, under a pressure of many anxieties and amidst unsatisfied wants, might easily become a great temptation to transgression of duty. But here again, without looking to duty, all men have already the strongest and most intimate inclination to happiness, because it is just in this idea that all inclinations are combined in one total. But the precept of happiness is often of such a sort that it greatly interferes with some inclinations, and yet a man cannot form any definite and certain conception of the sum of satisfaction of all of them which is called happiness. It is not then to be wondered at that a single inclination, definite both as to what it promises and as to the time within which it can be gratified, is often able to overcome such a fluctuating idea, and that a gouty patient, for instance, can choose to enjoy what he likes, and to suffer what he may, since, according to his calculation, on this occasion at least, he has not sacrificed the enjoyment of the

present moment to a possibly mistaken expectation of a happiness which is supposed to be found in health. But even in this case, if the general desire for happiness did not influence his will, and supposing that in his particular case health was not a necessary element in this calculation, there yet remains in this, as in all other cases, this law, namely, that he should promote his happiness not from inclination but from duty, and by this would his conduct first acquire true moral worth.

It is in this manner, undoubtedly, that we are to understand those passages of Scripture also in which we are commanded to love our neighbour, even our enemy. For love, as an affection, cannot be commanded, but beneficence for duty's sake may; even though we are not impelled to it by any inclination- nay, are even repelled by a natural and unconquerable aversion. This is practical love and not pathological- a love which is seated in the will, and not in the propensions of sense- in principles of action and not of tender sympathy; and it is this love alone which can be commanded.

The second proposition is: That an action done from duty derives its moral worth, not from the purpose which is to be attained by it, but from the maxim by which it is determined, and therefore does not depend on the realization of the object of the action, but merely on the principle of volition by which the action has taken place, without regard to any object of desire. It is clear from what precedes that the purposes which we may have in view in our actions, or their effects regarded as ends and springs of the will, cannot give to actions any unconditional or moral worth. In what, then, can their worth lie, if it is not to consist in the will and in reference to its expected effect? It cannot lie anywhere but in the principle of the will without regard to the ends which can be attained by the action. For the will stands between its a priori principle, which is formal, and its a posteriori spring, which is material, as between two roads, and as it must be determined by something, it follows that it must be determined by the formal principle of volition when an action is done from duty, in which case every material principle has been withdrawn from it.

The third proposition, which is a consequence of the two preceding, I would express thus: Duty is the necessity of acting from respect for the law. I may have inclination for an object as the effect of my proposed action, but I cannot have respect for it, just for this reason, that it is an effect and not an energy of will. Similarly I cannot have respect for inclination, whether my own or another's; I can at most, if my own, approve it; if another's, sometimes even love it; i.e., look on it as favourable to my own interest. It is only what is connected with my will as a principle, by no means as an effect- what does not subserve my inclination, but overpowers it, or at least in case of choice excludes it from its calculation- in other words, simply the law of itself, which can be an object of respect, and hence a command. Now an action done from duty must wholly exclude the influence of inclination and with it every object of the will, so that nothing remains which can determine the will except objectively the law, and subjectively pure respect for this practical law, and consequently the maxim \* that I should follow this law even to the thwarting of all my inclinations.

\* A maxim is the subjective principle of volition. The objective principle (i.e., that which would also serve subjectively as a practical principle to all rational beings if reason had full power over the faculty of desire) is the practical law.

Thus the moral worth of an action does not lie in the effect expected from it, nor in any principle of action which requires to borrow its motive from this expected effect. For all these effects-agreeableness of one's condition and even the promotion of the happiness of others- could have been also brought about by other causes, so that for this there would have been no need of the will of a rational being; whereas it is in this alone that the supreme and unconditional good can be found. The pre-eminent good which we call moral can therefore consist in nothing else than the conception of law in itself, which certainly is only possible in a rational being, in so far as this conception, and not the expected effect, determines the will. This is a good which is already present in the person who

acts accordingly, and we have not to wait for it to appear first in the result. \*

\* It might be here objected to me that I take refuge behind the word respect in an obscure feeling, instead of giving a distinct solution of the question by a concept of the reason. But although respect is a feeling, it is not a feeling received through influence, but is self-wrought by a rational concept, and, therefore, is specifically distinct from all feelings of the former kind, which may be referred either to inclination or fear, What I recognise immediately as a law for me, I recognise with respect. This merely signifies the consciousness that my will is subordinate to a law, without the intervention of other influences on my sense. The immediate determination of the will by the law, and the consciousness of this, is called respect, so that this is regarded as an effect of the law on the subject, and not as the cause of it. Respect is properly the conception of a worth which thwarts my self-love. Accordingly it is something which is considered neither as an object of inclination nor of fear, although it has something analogous to both. The object of respect is the law only, and that the law which we impose on ourselves and yet recognise as necessary in itself. As a law, we are subjected too it without consulting self-love; as imposed by us on ourselves, it is a result of our will. In the former aspect it has an analogy to fear, in the latter to inclination. Respect for a person is properly only respect for the law (of honesty, etc.) of which he gives us an example. Since we also look on the improvement of our talents as a duty, we consider that we see in a person of talents, as it were, the example of a law (viz., to become like him in this by exercise), and this constitutes our respect. All so-called moral interest consists simply in respect for the law.

But what sort of law can that be, the conception of which must determine the will, even without paying any regard to the effect expected from it, in order that this will may be called good absolutely and without qualification? As I have deprived the will of every impulse which could arise to it from obedience to any law, there remains nothing but the universal conformity of its actions to

law in general, which alone is to serve the will as a principle, i.e., I am never to act otherwise than so that I could also will that my maxim should become a universal law. Here, now, it is the simple conformity to law in general, without assuming any particular law applicable to certain actions, that serves the will as its principle and must so serve it, if duty is not to be a vain delusion and a chimerical notion. The common reason of men in its practical judgements perfectly coincides with this and always has in view the principle here suggested. Let the question be, for example: May I when in distress make a promise with the intention not to keep it? I readily distinguish here between the two significations which the question may have: Whether it is prudent, or whether it is right, to make a false promise? The former may undoubtedly often be the case. I see clearly indeed that it is not enough to extricate myself from a present difficulty by means of this subterfuge, but it must be well considered whether there may not hereafter spring from this lie much greater inconvenience than that from which I now free myself, and as, with all my supposed cunning, the consequences cannot be so easily foreseen but that credit once lost may be much more injurious to me than any mischief which I seek to avoid at present, it should be considered whether it would not be more prudent to act herein according to a universal maxim and to make it a habit to promise nothing except with the intention of keeping it. But it is soon clear to me that such a maxim will still only be based on the fear of consequences. Now it is a wholly different thing to be truthful from duty and to be so from apprehension of injurious consequences. In the first case, the very notion of the action already implies a law for me; in the second case, I must first look about elsewhere to see what results may be combined with it which would affect myself. For to deviate from the principle of duty is beyond all doubt wicked; but to be unfaithful to my maxim of prudence may often be very advantageous to me, although to abide by it is certainly safer. The shortest way, however, and an unerring one, to discover the answer to this question whether a lying promise is consistent with duty, is to ask myself, "Should I be content that my

maxim (to extricate myself from difficulty by a false promise) should hold good as a universal law, for myself as well as for others?" and should I be able to say to myself, "Every one may make a deceitful promise when he finds himself in a difficulty from which he cannot otherwise extricate himself?" Then I presently become aware that while I can will the lie, I can by no means will that lying should be a universal law. For with such a law there would be no promises at all, since it would be in vain to allege my intention in regard to my future actions to those who would not believe this allegation, or if they over hastily did so would pay me back in my own coin. Hence my maxim, as soon as it should be made a universal law, would necessarily destroy itself.

I do not, therefore, need any far-reaching penetration to discern what I have to do in order that my will may be morally good. Inexperienced in the course of the world, incapable of being prepared for all its contingencies, I only ask myself: Canst thou also will that thy maxim should be a universal law? If not, then it must be rejected, and that not because of a disadvantage accruing from it to myself or even to others, but because it cannot enter as a principle into a possible universal legislation, and reason extorts from me immediate respect for such legislation. I do not indeed as yet discern on what this respect is based (this the philosopher may inquire), but at least I understand this, that it is an estimation of the worth which far outweighs all worth of what is recommended by inclination, and that the necessity of acting from pure respect for the practical law is what constitutes duty, to which every other motive must give place, because it is the condition of a will being good in itself, and the worth of such a will is above everything.

Thus, then, without quitting the moral knowledge of common human reason, we have arrived at its principle. And although, no doubt, common men do not conceive it in such an abstract and universal form, yet they always have it really before their eyes and use it as the standard of their decision. Here it would be easy to show how, with this compass in hand, men are well able to distinguish, in every case that occurs, what is good, what bad,

conformably to duty or inconsistent with it, if, without in the least teaching them anything new, we only, like Socrates, direct their attention to the principle they themselves employ; and that, therefore, we do not need science and philosophy to know what we should do to be honest and good, yea, even wise and virtuous. Indeed we might well have conjectured beforehand that the knowledge of what every man is bound to do, and therefore also to know, would be within the reach of every man, even the commonest. Here we cannot forbear admiration when we see how great an advantage the practical judgement has over the theoretical in the common understanding of men. In the latter, if common reason ventures to depart from the laws of experience and from the perceptions of the senses, it falls into mere inconceivabilities and self-contradictions, at least into a chaos of uncertainty, obscurity, and instability. But in the practical sphere it is just when the common understanding excludes all sensible springs from practical laws that its power of judgement begins to show itself to advantage. It then becomes even subtle, whether it be that it chicanes with its own conscience or with other claims respecting what is to be called right, or whether it desires for its own instruction to determine honestly the worth of actions; and, in the latter case, it may even have as good a hope of hitting the mark as any philosopher whatever can promise himself. Nay, it is almost more sure of doing so, because the philosopher cannot have any other principle, while he may easily perplex his judgement by a multitude of considerations foreign to the matter, and so turn aside from the right way. Would it not therefore be wiser in moral concerns to acquiesce in the judgement of common reason, or at most only to call in philosophy for the purpose of rendering the system of morals more complete and intelligible, and its rules more convenient for use (especially for disputation), but not so as to draw off the common understanding from its happy simplicity, or to bring it by means of philosophy into a new path of inquiry and instruction?

Innocence is indeed a glorious thing; only, on the other hand, it is very sad that it cannot well maintain itself and is easily seduced.

On this account even wisdom- which otherwise consists more in conduct than in knowledge- yet has need of science, not in order to learn from it, but to secure for its precepts admission and permanence. Against all the commands of duty which reason represents to man as so deserving of respect, he feels in himself a powerful counterpoise in his wants and inclinations, the entire satisfaction of which he sums up under the name of happiness. Now reason issues its commands unyieldingly, without promising anything to the inclinations, and, as it were, with disregard and contempt for these claims, which are so impetuous, and at the same time so plausible, and which will not allow themselves to be suppressed by any command. Hence there arises a natural dialectic, i.e., a disposition, to argue against these strict laws of duty and to question their validity, or at least their purity and strictness; and, if possible, to make them more accordant with our wishes and inclinations, that is to say, to corrupt them at their very source, and entirely to destroy their worth- a thing which even common practical reason cannot ultimately call good.

Thus is the common reason of man compelled to go out of its sphere, and to take a step into the field of a practical philosophy, not to satisfy any speculative want (which never occurs to it as long as it is content to be mere sound reason), but even on practical grounds, in order to attain in it information and clear instruction respecting the source of its principle, and the correct determination of it in opposition to the maxims which are based on wants and inclinations, so that it may escape from the perplexity of opposite claims and not run the risk of losing all genuine moral principles through the equivocation into which it easily falls. Thus, when practical reason cultivates itself, there insensibly arises in it a dialectic which forces it to seek aid in philosophy, just as happens to it in its theoretic use; and in this case, therefore, as well as in the other, it will find rest nowhere but in a thorough critical examination of our reason.

SECOND SECTION

TRANSITION FROM POPULAR MORAL  
PHILOSOPHY

TO THE METAPHYSIC OF MORALS

If we have hitherto drawn our notion of duty from the common use of our practical reason, it is by no means to be inferred that we have treated it as an empirical notion. On the contrary, if we attend to the experience of men's conduct, we meet frequent and, as we ourselves allow, just complaints that one cannot find a single certain example of the disposition to act from pure duty. Although many things are done in conformity with what duty prescribes, it is nevertheless always doubtful whether they are done strictly from duty, so as to have a moral worth. Hence there have at all times been philosophers who have altogether denied that this disposition actually exists at all in human actions, and have ascribed everything to a more or less refined self-love. Not that they have on that account questioned the soundness of the conception of morality; on the contrary, they spoke with sincere regret of the frailty and corruption of human nature, which, though noble enough to take its rule an idea so worthy of respect, is yet weak to follow it and employs reason which ought to give it the law only for the purpose of providing for the interest of the inclinations, whether singly or at the best in the greatest possible harmony with one another.

In fact, it is absolutely impossible to make out by experience with complete certainty a single case in which the maxim of an action, however right in itself, rested simply on moral grounds and on the conception of duty. Sometimes it happens that with the sharpest

self-examination we can find nothing beside the moral principle of duty which could have been powerful enough to move us to this or that action and to so great a sacrifice; yet we cannot from this infer with certainty that it was not really some secret impulse of self-love, under the false appearance of duty, that was the actual determining cause of the will. We like them to flatter ourselves by falsely taking credit for a more noble motive; whereas in fact we can never, even by the strictest examination, get completely behind the secret springs of action; since, when the question is of moral worth, it is not with the actions which we see that we are concerned, but with those inward principles of them which we do not see.

Moreover, we cannot better serve the wishes of those who ridicule all morality as a mere chimera of human imagination over stepping itself from vanity, than by conceding to them that notions of duty must be drawn only from experience (as from indolence, people are ready to think is also the case with all other notions); for or is to prepare for them a certain triumph. I am willing to admit out of love of humanity that even most of our actions are correct, but if we look closer at them we everywhere come upon the dear self which is always prominent, and it is this they have in view and not the strict command of duty which would often require self-denial. Without being an enemy of virtue, a cool observer, one that does not mistake the wish for good, however lively, for its reality, may sometimes doubt whether true virtue is actually found anywhere in the world, and this especially as years increase and the judgement is partly made wiser by experience and partly, also, more acute in observation. This being so, nothing can secure us from falling away altogether from our ideas of duty, or maintain in the soul a well-grounded respect for its law, but the clear conviction that although there should never have been actions which really sprang from such pure sources, yet whether this or that takes place is not at all the question; but that reason of itself, independent on all experience, ordains what ought to take place, that accordingly actions of which perhaps the world has hitherto never given an example, the feasibility even of which might be very much doubted

by one who founds everything on experience, are nevertheless inflexibly commanded by reason; that, e.g., even though there might never yet have been a sincere friend, yet not a whit the less is pure sincerity in friendship required of every man, because, prior to all experience, this duty is involved as duty in the idea of a reason determining the will by a priori principles.

When we add further that, unless we deny that the notion of morality has any truth or reference to any possible object, we must admit that its law must be valid, not merely for men but for all rational creatures generally, not merely under certain contingent conditions or with exceptions but with absolute necessity, then it is clear that no experience could enable us to infer even the possibility of such apodeictic laws. For with what right could we bring into unbounded respect as a universal precept for every rational nature that which perhaps holds only under the contingent conditions of humanity? Or how could laws of the determination of our will be regarded as laws of the determination of the will of rational beings generally, and for us only as such, if they were merely empirical and did not take their origin wholly a priori from pure but practical reason?

Nor could anything be more fatal to morality than that we should wish to derive it from examples. For every example of it that is set before me must be first itself tested by principles of morality, whether it is worthy to serve as an original example, i.e., as a pattern; but by no means can it authoritatively furnish the conception of morality. Even the Holy One of the Gospels must first be compared with our ideal of moral perfection before we can recognise Him as such; and so He says of Himself, "Why call ye Me (whom you see) good; none is good (the model of good) but God only (whom ye do not see)?" But whence have we the conception of God as the supreme good? Simply from the idea of moral perfection, which reason frames a priori and connects inseparably with the notion of a free will. Imitation finds no place at all in morality, and examples serve only for encouragement, i.e., they put beyond doubt the feasibility of what the law commands, they make visible that

which the practical rule expresses more generally, but they can never authorize us to set aside the true original which lies in reason and to guide ourselves by examples.

If then there is no genuine supreme principle of morality but what must rest simply on pure reason, independent of all experience, I think it is not necessary even to put the question whether it is good to exhibit these concepts in their generality (in abstracto) as they are established a priori along with the principles belonging to them, if our knowledge is to be distinguished from the vulgar and to be called philosophical.

In our times indeed this might perhaps be necessary; for if we collected votes whether pure rational knowledge separated from everything empirical, that is to say, metaphysic of morals, or whether popular practical philosophy is to be preferred, it is easy to guess which side would preponderate.

This descending to popular notions is certainly very commendable, if the ascent to the principles of pure reason has first taken place and been satisfactorily accomplished. This implies that we first found ethics on metaphysics, and then, when it is firmly established, procure a hearing for it by giving it a popular character. But it is quite absurd to try to be popular in the first inquiry, on which the soundness of the principles depends. It is not only that this proceeding can never lay claim to the very rare merit of a true philosophical popularity, since there is no art in being intelligible if one renounces all thoroughness of insight; but also it produces a disgusting medley of compiled observations and half-reasoned principles. Shallow pates enjoy this because it can be used for everyday chat, but the sagacious find in it only confusion, and being unsatisfied and unable to help themselves, they turn away their eyes, while philosophers, who see quite well through this delusion, are little listened to when they call men off for a time from this pretended popularity, in order that they might be rightfully popular after they have attained a definite insight.

We need only look at the attempts of moralists in that favourite fashion, and we shall find at one time the special constitution of

human nature (including, however, the idea of a rational nature generally), at one time perfection, at another happiness, here moral sense, there fear of God. a little of this, and a little of that, in marvellous mixture, without its occurring to them to ask whether the principles of morality are to be sought in the knowledge of human nature at all (which we can have only from experience); or, if this is not so, if these principles are to be found altogether a priori, free from everything empirical, in pure rational concepts only and nowhere else, not even in the smallest degree; then rather to adopt the method of making this a separate inquiry, as pure practical philosophy, or (if one may use a name so decried) as metaphysic of morals, \* to bring it by itself to completeness, and to require the public, which wishes for popular treatment, to await the issue of this undertaking.

\* Just as pure mathematics are distinguished from applied, pure logic from applied, so if we choose we may also distinguish pure philosophy of morals (metaphysic) from applied (viz., applied to human nature). By this designation we are also at once reminded that moral principles are not based on properties of human nature, but must subsist a priori of themselves, while from such principles practical rules must be capable of being deduced for every rational nature, and accordingly for that of man.

Such a metaphysic of morals, completely isolated, not mixed with any anthropology, theology, physics, or hyperphysics, and still less with occult qualities (which we might call hypophysical), is not only an indispensable substratum of all sound theoretical knowledge of duties, but is at the same time a desideratum of the highest importance to the actual fulfilment of their precepts. For the pure conception of duty, unmixed with any foreign addition of empirical attractions, and, in a word, the conception of the moral law, exercises on the human heart, by way of reason alone (which first becomes aware with this that it can of itself be practical), an influence so much more powerful than all other springs \* which may be derived from the field of experience, that, in the consciousness of its worth, it despises the latter, and can by degrees

become their master; whereas a mixed ethics, compounded partly of motives drawn from feelings and inclinations, and partly also of conceptions of reason, must make the mind waver between motives which cannot be brought under any principle, which lead to good only by mere accident and very often also to evil.

\* I have a letter from the late excellent Sulzer, in which he asks me what can be the reason that moral instruction, although containing much that is convincing for the reason, yet accomplishes so little? My answer was postponed in order that I might make it complete. But it is simply this: that the teachers themselves have not got their own notions clear, and when they endeavour to make up for this by raking up motives of moral goodness from every quarter, trying to make their physic right strong, they spoil it. For the commonest understanding shows that if we imagine, on the one hand, an act of honesty done with steadfast mind, apart from every view to advantage of any kind in this world or another, and even under the greatest temptations of necessity or allurements, and, on the other hand, a similar act which was affected, in however low a degree, by a foreign motive, the former leaves far behind and eclipses the second; it elevates the soul and inspires the wish to be able to act in like manner oneself. Even moderately young children feel this impression, and one should never represent duties to them in any other light.

From what has been said, it is clear that all moral conceptions have their seat and origin completely a priori in the reason, and that, moreover, in the commonest reason just as truly as in that which is in the highest degree speculative; that they cannot be obtained by abstraction from any empirical, and therefore merely contingent, knowledge; that it is just this purity of their origin that makes them worthy to serve as our supreme practical principle, and that just in proportion as we add anything empirical, we detract from their genuine influence and from the absolute value of actions; that it is not only of the greatest necessity, in a purely speculative point of view, but is also of the greatest practical importance, to derive these notions and laws from pure reason, to present them pure and

unmixed, and even to determine the compass of this practical or pure rational knowledge, i.e., to determine the whole faculty of pure practical reason; and, in doing so, we must not make its principles dependent on the particular nature of human reason, though in speculative philosophy this may be permitted, or may even at times be necessary; but since moral laws ought to hold good for every rational creature, we must derive them from the general concept of a rational being. In this way, although for its application to man morality has need of anthropology, yet, in the first instance, we must treat it independently as pure philosophy, i.e., as metaphysic, complete in itself (a thing which in such distinct branches of science is easily done); knowing well that unless we are in possession of this, it would not only be vain to determine the moral element of duty in right actions for purposes of speculative criticism, but it would be impossible to base morals on their genuine principles, even for common practical purposes, especially of moral instruction, so as to produce pure moral dispositions, and to engraft them on men's minds to the promotion of the greatest possible good in the world.

But in order that in this study we may not merely advance by the natural steps from the common moral judgement (in this case very worthy of respect) to the philosophical, as has been already done, but also from a popular philosophy, which goes no further than it can reach by groping with the help of examples, to metaphysic (which does allow itself to be checked by anything empirical and, as it must measure the whole extent of this kind of rational knowledge, goes as far as ideal conceptions, where even examples fail us), we must follow and clearly describe the practical faculty of reason, from the general rules of its determination to the point where the notion of duty springs from it.

Everything in nature works according to laws. Rational beings alone have the faculty of acting according to the conception of laws, that is according to principles, i.e., have a will. Since the deduction of actions from principles requires reason, the will is nothing but practical reason. If reason infallibly determines the will, then the actions of such a being which are recognised as objectively

necessary are subjectively necessary also, i.e., the will is a faculty to choose that only which reason independent of inclination recognises as practically necessary, i.e., as good. But if reason of itself does not sufficiently determine the will, if the latter is subject also to subjective conditions (particular impulses) which do not always coincide with the objective conditions; in a word, if the will does not in itself completely accord with reason (which is actually the case with men), then the actions which objectively are recognised as necessary are subjectively contingent, and the determination of such a will according to objective laws is obligation, that is to say, the relation of the objective laws to a will that is not thoroughly good is conceived as the determination of the will of a rational being by principles of reason, but which the will from its nature does not of necessity follow.

The conception of an objective principle, in so far as it is obligatory for a will, is called a command (of reason), and the formula of the command is called an imperative.

All imperatives are expressed by the word ought [or shall], and thereby indicate the relation of an objective law of reason to a will, which from its subjective constitution is not necessarily determined by it (an obligation). They say that something would be good to do or to forbear, but they say it to a will which does not always do a thing because it is conceived to be good to do it. That is practically good, however, which determines the will by means of the conceptions of reason, and consequently not from subjective causes, but objectively, that is on principles which are valid for every rational being as such. It is distinguished from the pleasant, as that which influences the will only by means of sensation from merely subjective causes, valid only for the sense of this or that one, and not as a principle of reason, which holds for every one. \*

\* The dependence of the desires on sensations is called inclination, and this accordingly always indicates a want. The dependence of a contingently determinable will on principles of reason is called an interest. This therefore, is found only in the case of a dependent will which does not always of itself conform to

reason; in the Divine will we cannot conceive any interest. But the human will can also take an interest in a thing without therefore acting from interest. The former signifies the practical interest in the action, the latter the pathological in the object of the action. The former indicates only dependence of the will on principles of reason in themselves; the second, dependence on principles of reason for the sake of inclination, reason supplying only the practical rules how the requirement of the inclination may be satisfied. In the first case the action interests me; in the second the object of the action (because it is pleasant to me). We have seen in the first section that in an action done from duty we must look not to the interest in the object, but only to that in the action itself, and in its rational principle (viz., the law).

A perfectly good will would therefore be equally subject to objective laws (viz., laws of good), but could not be conceived as obliged thereby to act lawfully, because of itself from its subjective constitution it can only be determined by the conception of good. Therefore no imperatives hold for the Divine will, or in general for a holy will; ought is here out of place, because the volition is already of itself necessarily in unison with the law. Therefore imperatives are only formulae to express the relation of objective laws of all volition to the subjective imperfection of the will of this or that rational being, e.g., the human will.

Now all imperatives command either hypothetically or categorically. The former represent the practical necessity of a possible action as means to something else that is willed (or at least which one might possibly will). The categorical imperative would be that which represented an action as necessary of itself without reference to another end, i.e., as objectively necessary.

Since every practical law represents a possible action as good and, on this account, for a subject who is practically determinable by reason, necessary, all imperatives are formulae determining an action which is necessary according to the principle of a will good in some respects. If now the action is good only as a means to something else, then the imperative is hypothetical; if it is conceived

as good in itself and consequently as being necessarily the principle of a will which of itself conforms to reason, then it is categorical.

Thus the imperative declares what action possible by me would be good and presents the practical rule in relation to a will which does not forthwith perform an action simply because it is good, whether because the subject does not always know that it is good, or because, even if it know this, yet its maxims might be opposed to the objective principles of practical reason.

Accordingly the hypothetical imperative only says that the action is good for some purpose, possible or actual. In the first case it is a problematical, in the second an assertorial practical principle. The categorical imperative which declares an action to be objectively necessary in itself without reference to any purpose, i.e., without any other end, is valid as an apodeictic (practical) principle.

Whatever is possible only by the power of some rational being may also be conceived as a possible purpose of some will; and therefore the principles of action as regards the means necessary to attain some possible purpose are in fact infinitely numerous. All sciences have a practical part, consisting of problems expressing that some end is possible for us and of imperatives directing how it may be attained. These may, therefore, be called in general imperatives of skill. Here there is no question whether the end is rational and good, but only what one must do in order to attain it. The precepts for the physician to make his patient thoroughly healthy, and for a poisoner to ensure certain death, are of equal value in this respect, that each serves to effect its purpose perfectly. Since in early youth it cannot be known what ends are likely to occur to us in the course of life, parents seek to have their children taught a great many things, and provide for their skill in the use of means for all sorts of arbitrary ends, of none of which can they determine whether it may not perhaps hereafter be an object to their pupil, but which it is at all events possible that he might aim at; and this anxiety is so great that they commonly neglect to form and correct their judgement on the value of the things which may be chosen as ends.

There is one end, however, which may be assumed to be actually such to all rational beings (so far as imperatives apply to them, viz., as dependent beings), and, therefore, one purpose which they not merely may have, but which we may with certainty assume that they all actually have by a natural necessity, and this is happiness. The hypothetical imperative which expresses the practical necessity of an action as means to the advancement of happiness is assertorial. We are not to present it as necessary for an uncertain and merely possible purpose, but for a purpose which we may presuppose with certainty and a priori in every man, because it belongs to his being. Now skill in the choice of means to his own greatest well-being may be called prudence, \* in the narrowest sense. And thus the imperative which refers to the choice of means to one's own happiness, i.e., the precept of prudence, is still always hypothetical; the action is not commanded absolutely, but only as means to another purpose.

\* The word prudence is taken in two senses: in the one it may bear the name of knowledge of the world, in the other that of private prudence. The former is a man's ability to influence others so as to use them for his own purposes. The latter is the sagacity to combine all these purposes for his own lasting benefit. This latter is properly that to which the value even of the former is reduced, and when a man is prudent in the former sense, but not in the latter, we might better say of him that he is clever and cunning, but, on the whole, imprudent.

Finally, there is an imperative which commands a certain conduct immediately, without having as its condition any other purpose to be attained by it. This imperative is categorical. It concerns not the matter of the action, or its intended result, but its form and the principle of which it is itself a result; and what is essentially good in it consists in the mental disposition, let the consequence be what it may. This imperative may be called that of morality.

There is a marked distinction also between the volitions on these three sorts of principles in the dissimilarity of the obligation of the will. In order to mark this difference more clearly, I think they would

be most suitably named in their order if we said they are either rules of skill, or counsels of prudence, or commands (laws) of morality. For it is law only that involves the conception of an unconditional and objective necessity, which is consequently universally valid; and commands are laws which must be obeyed, that is, must be followed, even in opposition to inclination. Counsels, indeed, involve necessity, but one which can only hold under a contingent subjective condition, viz., they depend on whether this or that man reckons this or that as part of his happiness; the categorical imperative, on the contrary, is not limited by any condition, and as being absolutely, although practically, necessary, may be quite properly called a command. We might also call the first kind of imperatives technical (belonging to art), the second pragmatic \* (to welfare), the third moral (belonging to free conduct generally, that is, to morals).

\* It seems to me that the proper signification of the word pragmatic may be most accurately defined in this way. For sanctions are called pragmatic which flow properly not from the law of the states as necessary enactments, but from precaution for the general welfare. A history is composed pragmatically when it teaches prudence, i.e., instructs the world how it can provide for its interests better, or at least as well as, the men of former time.

Now arises the question, how are all these imperatives possible? This question does not seek to know how we can conceive the accomplishment of the action which the imperative ordains, but merely how we can conceive the obligation of the will which the imperative expresses. No special explanation is needed to show how an imperative of skill is possible. Whoever wills the end, wills also (so far as reason decides his conduct) the means in his power which are indispensably necessary thereto. This proposition is, as regards the volition, analytical; for, in willing an object as my effect, there is already thought the causality of myself as an acting cause, that is to say, the use of the means; and the imperative educes from the conception of volition of an end the conception of actions necessary to this end. Synthetical propositions must no doubt be employed in

defining the means to a proposed end; but they do not concern the principle, the act of the will, but the object and its realization. E.g., that in order to bisect a line on an unerring principle I must draw from its extremities two intersecting arcs; this no doubt is taught by mathematics only in synthetical propositions; but if I know that it is only by this process that the intended operation can be performed, then to say that, if I fully will the operation, I also will the action required for it, is an analytical proposition; for it is one and the same thing to conceive something as an effect which I can produce in a certain way, and to conceive myself as acting in this way.

If it were only equally easy to give a definite conception of happiness, the imperatives of prudence would correspond exactly with those of skill, and would likewise be analytical. For in this case as in that, it could be said: "Whoever wills the end, wills also (according to the dictate of reason necessarily) the indispensable means thereto which are in his power." But, unfortunately, the notion of happiness is so indefinite that although every man wishes to attain it, yet he never can say definitely and consistently what it is that he really wishes and wills. The reason of this is that all the elements which belong to the notion of happiness are altogether empirical, i.e., they must be borrowed from experience, and nevertheless the idea of happiness requires an absolute whole, a maximum of welfare in my present and all future circumstances. Now it is impossible that the most clear-sighted and at the same time most powerful being (supposed finite) should frame to himself a definite conception of what he really wills in this. Does he will riches, how much anxiety, envy, and snares might he not thereby draw upon his shoulders? Does he will knowledge and discernment, perhaps it might prove to be only an eye so much the sharper to show him so much the more fearfully the evils that are now concealed from him, and that cannot be avoided, or to impose more wants on his desires, which already give him concern enough. Would he have long life? who guarantees to him that it would not be a long misery? would he at least have health? how often has uneasiness of the body restrained from excesses into which perfect

health would have allowed one to fall? and so on. In short, he is unable, on any principle, to determine with certainty what would make him truly happy; because to do so he would need to be omniscient. We cannot therefore act on any definite principles to secure happiness, but only on empirical counsels, e.g. of regimen, frugality, courtesy, reserve, etc., which experience teaches do, on the average, most promote well-being. Hence it follows that the imperatives of prudence do not, strictly speaking, command at all, that is, they cannot present actions objectively as practically necessary; that they are rather to be regarded as counsels (*consilia*) than precepts precepts of reason, that the problem to determine certainly and universally what action would promote the happiness of a rational being is completely insoluble, and consequently no imperative respecting it is possible which should, in the strict sense, command to do what makes happy; because happiness is not an ideal of reason but of imagination, resting solely on empirical grounds, and it is vain to expect that these should define an action by which one could attain the totality of a series of consequences which is really endless. This imperative of prudence would however be an analytical proposition if we assume that the means to happiness could be certainly assigned; for it is distinguished from the imperative of skill only by this, that in the latter the end is merely possible, in the former it is given; as however both only ordain the means to that which we suppose to be willed as an end, it follows that the imperative which ordains the willing of the means to him who wills the end is in both cases analytical. Thus there is no difficulty in regard to the possibility of an imperative of this kind either.

On the other hand, the question how the imperative of morality is possible, is undoubtedly one, the only one, demanding a solution, as this is not at all hypothetical, and the objective necessity which it presents cannot rest on any hypothesis, as is the case with the hypothetical imperatives. Only here we must never leave out of consideration that we cannot make out by any example, in other words empirically, whether there is such an imperative at all, but it

is rather to be feared that all those which seem to be categorical may yet be at bottom hypothetical. For instance, when the precept is: "Thou shalt not promise deceitfully"; and it is assumed that the necessity of this is not a mere counsel to avoid some other evil, so that it should mean: "Thou shalt not make a lying promise, lest if it become known thou shouldst destroy thy credit," but that an action of this kind must be regarded as evil in itself, so that the imperative of the prohibition is categorical; then we cannot show with certainty in any example that the will was determined merely by the law, without any other spring of action, although it may appear to be so. For it is always possible that fear of disgrace, perhaps also obscure dread of other dangers, may have a secret influence on the will. Who can prove by experience the non-existence of a cause when all that experience tells us is that we do not perceive it? But in such a case the so-called moral imperative, which as such appears to be categorical and unconditional, would in reality be only a pragmatic precept, drawing our attention to our own interests and merely teaching us to take these into consideration.

We shall therefore have to investigate a priori the possibility of a categorical imperative, as we have not in this case the advantage of its reality being given in experience, so that [the elucidation of] its possibility should be requisite only for its explanation, not for its establishment. In the meantime it may be discerned beforehand that the categorical imperative alone has the purport of a practical law; all the rest may indeed be called principles of the will but not laws, since whatever is only necessary for the attainment of some arbitrary purpose may be considered as in itself contingent, and we can at any time be free from the precept if we give up the purpose; on the contrary, the unconditional command leaves the will no liberty to choose the opposite; consequently it alone carries with it that necessity which we require in a law.

Secondly, in the case of this categorical imperative or law of morality, the difficulty (of discerning its possibility) is a very profound one. It is an a priori synthetical practical proposition; \* and as there is so much difficulty in discerning the possibility of

speculative propositions of this kind, it may readily be supposed that the difficulty will be no less with the practical.

\* I connect the act with the will without presupposing any condition resulting from any inclination, but a priori, and therefore necessarily (though only objectively, i.e., assuming the idea of a reason possessing full power over all subjective motives). This is accordingly a practical proposition which does not deduce the willing of an action by mere analysis from another already presupposed (for we have not such a perfect will), but connects it immediately with the conception of the will of a rational being, as something not contained in it.

In this problem we will first inquire whether the mere conception of a categorical imperative may not perhaps supply us also with the formula of it, containing the proposition which alone can be a categorical imperative; for even if we know the tenor of such an absolute command, yet how it is possible will require further special and laborious study, which we postpone to the last section.

When I conceive a hypothetical imperative, in general I do not know beforehand what it will contain until I am given the condition. But when I conceive a categorical imperative, I know at once what it contains. For as the imperative contains besides the law only the necessity that the maxims \* shall conform to this law, while the law contains no conditions restricting it, there remains nothing but the general statement that the maxim of the action should conform to a universal law, and it is this conformity alone that the imperative properly represents as necessary.

\* A maxim is a subjective principle of action, and must be distinguished from the objective principle, namely, practical law. The former contains the practical rule set by reason according to the conditions of the subject (often its ignorance or its inclinations), so that it is the principle on which the subject acts; but the law is the objective principle valid for every rational being, and is the principle on which it ought to act that is an imperative.

There is therefore but one categorical imperative, namely, this:

Act only on that maxim whereby thou canst at the same time will that it should become a universal law.

Now if all imperatives of duty can be deduced from this one imperative as from their principle, then, although it should remain undecided what is called duty is not merely a vain notion, yet at least we shall be able to show what we understand by it and what this notion means.

Since the universality of the law according to which effects are produced constitutes what is properly called nature in the most general sense (as to form), that is the existence of things so far as it is determined by general laws, the imperative of duty may be expressed thus: Act as if the maxim of thy action were to become by thy will a universal law of nature.

We will now enumerate a few duties, adopting the usual division of them into duties to ourselves and ourselves and to others, and into perfect and imperfect duties. \*

\* It must be noted here that I reserve the division of duties for a future metaphysic of morals; so that I give it here only as an arbitrary one (in order to arrange my examples). For the rest, I understand by a perfect duty one that admits no exception in favour of inclination and then I have not merely external but also internal perfect duties. This is contrary to the use of the word adopted in the schools; but I do not intend to justify there, as it is all one for my purpose whether it is admitted or not.

1. A man reduced to despair by a series of misfortunes feels wearied of life, but is still so far in possession of his reason that he can ask himself whether it would not be contrary to his duty to himself to take his own life. Now he inquires whether the maxim of his action could become a universal law of nature. His maxim is: "From self-love I adopt it as a principle to shorten my life when its longer duration is likely to bring more evil than satisfaction." It is asked then simply whether this principle founded on self-love can become a universal law of nature. Now we see at once that a system of nature of which it should be a law to destroy life by means of the very feeling whose special nature it is to impel to the

improvement of life would contradict itself and, therefore, could not exist as a system of nature; hence that maxim cannot possibly exist as a universal law of nature and, consequently, would be wholly inconsistent with the supreme principle of all duty.

2. Another finds himself forced by necessity to borrow money. He knows that he will not be able to repay it, but sees also that nothing will be lent to him unless he promises stoutly to repay it in a definite time. He desires to make this promise, but he has still so much conscience as to ask himself: "Is it not unlawful and inconsistent with duty to get out of a difficulty in this way?" Suppose however that he resolves to do so: then the maxim of his action would be expressed thus: "When I think myself in want of money, I will borrow money and promise to repay it, although I know that I never can do so." Now this principle of self-love or of one's own advantage may perhaps be consistent with my whole future welfare; but the question now is, "Is it right?" I change then the suggestion of self-love into a universal law, and state the question thus: "How would it be if my maxim were a universal law?" Then I see at once that it could never hold as a universal law of nature, but would necessarily contradict itself. For supposing it to be a universal law that everyone when he thinks himself in a difficulty should be able to promise whatever he pleases, with the purpose of not keeping his promise, the promise itself would become impossible, as well as the end that one might have in view in it, since no one would consider that anything was promised to him, but would ridicule all such statements as vain pretences.

3. A third finds in himself a talent which with the help of some culture might make him a useful man in many respects. But he finds himself in comfortable circumstances and prefers to indulge in pleasure rather than to take pains in enlarging and improving his happy natural capacities. He asks, however, whether his maxim of neglect of his natural gifts, besides agreeing with his inclination to indulgence, agrees also with what is called duty. He sees then that a system of nature could indeed subsist with such a universal law although men (like the South Sea islanders) should let their talents

rest and resolve to devote their lives merely to idleness, amusement, and propagation of their species- in a word, to enjoyment; but he cannot possibly will that this should be a universal law of nature, or be implanted in us as such by a natural instinct. For, as a rational being, he necessarily wills that his faculties be developed, since they serve him and have been given him, for all sorts of possible purposes.

4. A fourth, who is in prosperity, while he sees that others have to contend with great wretchedness and that he could help them, thinks: "What concern is it of mine? Let everyone be as happy as Heaven pleases, or as he can make himself; I will take nothing from him nor even envy him, only I do not wish to contribute anything to his welfare or to his assistance in distress!" Now no doubt if such a mode of thinking were a universal law, the human race might very well subsist and doubtless even better than in a state in which everyone talks of sympathy and good-will, or even takes care occasionally to put it into practice, but, on the other side, also cheats when he can, betrays the rights of men, or otherwise violates them. But although it is possible that a universal law of nature might exist in accordance with that maxim, it is impossible to will that such a principle should have the universal validity of a law of nature. For a will which resolved this would contradict itself, inasmuch as many cases might occur in which one would have need of the love and sympathy of others, and in which, by such a law of nature, sprung from his own will, he would deprive himself of all hope of the aid he desires.

These are a few of the many actual duties, or at least what we regard as such, which obviously fall into two classes on the one principle that we have laid down. We must be able to will that a maxim of our action should be a universal law. This is the canon of the moral appreciation of the action generally. Some actions are of such a character that their maxim cannot without contradiction be even conceived as a universal law of nature, far from it being possible that we should will that it should be so. In others this intrinsic impossibility is not found, but still it is impossible to will

that their maxim should be raised to the universality of a law of nature, since such a will would contradict itself. It is easily seen that the former violate strict or rigorous (inflexible) duty; the latter only laxer (meritorious) duty. Thus it has been completely shown how all duties depend as regards the nature of the obligation (not the object of the action) on the same principle.

If now we attend to ourselves on occasion of any transgression of duty, we shall find that we in fact do not will that our maxim should be a universal law, for that is impossible for us; on the contrary, we will that the opposite should remain a universal law, only we assume the liberty of making an exception in our own favour or (just for this time only) in favour of our inclination. Consequently if we considered all cases from one and the same point of view, namely, that of reason, we should find a contradiction in our own will, namely, that a certain principle should be objectively necessary as a universal law, and yet subjectively should not be universal, but admit of exceptions. As however we at one moment regard our action from the point of view of a will wholly conformed to reason, and then again look at the same action from the point of view of a will affected by inclination, there is not really any contradiction, but an antagonism of inclination to the precept of reason, whereby the universality of the principle is changed into a mere generality, so that the practical principle of reason shall meet the maxim half way. Now, although this cannot be justified in our own impartial judgement, yet it proves that we do really recognise the validity of the categorical imperative and (with all respect for it) only allow ourselves a few exceptions, which we think unimportant and forced from us.

We have thus established at least this much, that if duty is a conception which is to have any import and real legislative authority for our actions, it can only be expressed in categorical and not at all in hypothetical imperatives. We have also, which is of great importance, exhibited clearly and definitely for every practical application the content of the categorical imperative, which must contain the principle of all duty if there is such a thing at all. We

have not yet, however, advanced so far as to prove a priori that there actually is such an imperative, that there is a practical law which commands absolutely of itself and without any other impulse, and that the following of this law is duty.

With the view of attaining to this, it is of extreme importance to remember that we must not allow ourselves to think of deducing the reality of this principle from the particular attributes of human nature. For duty is to be a practical, unconditional necessity of action; it must therefore hold for all rational beings (to whom an imperative can apply at all), and for this reason only be also a law for all human wills. On the contrary, whatever is deduced from the particular natural characteristics of humanity, from certain feelings and propensions, nay, even, if possible, from any particular tendency proper to human reason, and which need not necessarily hold for the will of every rational being; this may indeed supply us with a maxim, but not with a law; with a subjective principle on which we may have a propension and inclination to act, but not with an objective principle on which we should be enjoined to act, even though all our propensions, inclinations, and natural dispositions were opposed to it. In fact, the sublimity and intrinsic dignity of the command in duty are so much the more evident, the less the subjective impulses favour it and the more they oppose it, without being able in the slightest degree to weaken the obligation of the law or to diminish its validity.

Here then we see philosophy brought to a critical position, since it has to be firmly fixed, notwithstanding that it has nothing to support it in heaven or earth. Here it must show its purity as absolute director of its own laws, not the herald of those which are whispered to it by an implanted sense or who knows what tutelary nature. Although these may be better than nothing, yet they can never afford principles dictated by reason, which must have their source wholly a priori and thence their commanding authority, expecting everything from the supremacy of the law and the due respect for it, nothing from inclination, or else condemning the man to self-contempt and inward abhorrence.

Thus every empirical element is not only quite incapable of being an aid to the principle of morality, but is even highly prejudicial to the purity of morals, for the proper and inestimable worth of an absolutely good will consists just in this, that the principle of action is free from all influence of contingent grounds, which alone experience can furnish. We cannot too much or too often repeat our warning against this lax and even mean habit of thought which seeks for its principle amongst empirical motives and laws; for human reason in its weariness is glad to rest on this pillow, and in a dream of sweet illusions (in which, instead of Juno, it embraces a cloud) it substitutes for morality a bastard patched up from limbs of various derivation, which looks like anything one chooses to see in it, only not like virtue to one who has once beheld her in her true form. \*

\* To behold virtue in her proper form is nothing else but to contemplate morality stripped of all admixture of sensible things and of every spurious ornament of reward or self-love. How much she then eclipses everything else that appears charming to the affections, every one may readily perceive with the least exertion of his reason, if it be not wholly spoiled for abstraction.

The question then is this: "Is it a necessary law for all rational beings that they should always judge of their actions by maxims of which they can themselves will that they should serve as universal laws?" If it is so, then it must be connected (altogether a priori) with the very conception of the will of a rational being generally. But in order to discover this connexion we must, however reluctantly, take a step into metaphysic, although into a domain of it which is distinct from speculative philosophy, namely, the metaphysic of morals. In a practical philosophy, where it is not the reasons of what happens that we have to ascertain, but the laws of what ought to happen, even although it never does, i.e., objective practical laws, there it is not necessary to inquire into the reasons why anything pleases or displeases, how the pleasure of mere sensation differs from taste, and whether the latter is distinct from a general satisfaction of reason; on what the feeling of pleasure or pain rests, and how from it desires and inclinations arise, and from these again maxims

by the co-operation of reason: for all this belongs to an empirical psychology, which would constitute the second part of physics, if we regard physics as the philosophy of nature, so far as it is based on empirical laws. But here we are concerned with objective practical laws and, consequently, with the relation of the will to itself so far as it is determined by reason alone, in which case whatever has reference to anything empirical is necessarily excluded; since if reason of itself alone determines the conduct (and it is the possibility of this that we are now investigating), it must necessarily do so a priori.

The will is conceived as a faculty of determining oneself to action in accordance with the conception of certain laws. And such a faculty can be found only in rational beings. Now that which serves the will as the objective ground of its self-determination is the end, and, if this is assigned by reason alone, it must hold for all rational beings. On the other hand, that which merely contains the ground of possibility of the action of which the effect is the end, this is called the means. The subjective ground of the desire is the spring, the objective ground of the volition is the motive; hence the distinction between subjective ends which rest on springs, and objective ends which depend on motives valid for every rational being. Practical principles are formal when they abstract from all subjective ends; they are material when they assume these, and therefore particular springs of action. The ends which a rational being proposes to himself at pleasure as effects of his actions (material ends) are all only relative, for it is only their relation to the particular desires of the subject that gives them their worth, which therefore cannot furnish principles universal and necessary for all rational beings and for every volition, that is to say practical laws. Hence all these relative ends can give rise only to hypothetical imperatives.

Supposing, however, that there were something whose existence has in itself an absolute worth, something which, being an end in itself, could be a source of definite laws; then in this and this alone

would lie the source of a possible categorical imperative, i.e., a practical law.

Now I say: man and generally any rational being exists as an end in himself, not merely as a means to be arbitrarily used by this or that will, but in all his actions, whether they concern himself or other rational beings, must be always regarded at the same time as an end. All objects of the inclinations have only a conditional worth, for if the inclinations and the wants founded on them did not exist, then their object would be without value. But the inclinations, themselves being sources of want, are so far from having an absolute worth for which they should be desired that on the contrary it must be the universal wish of every rational being to be wholly free from them. Thus the worth of any object which is to be acquired by our action is always conditional. Beings whose existence depends not on our will but on nature's, have nevertheless, if they are irrational beings, only a relative value as means, and are therefore called things; rational beings, on the contrary, are called persons, because their very nature points them out as ends in themselves, that is as something which must not be used merely as means, and so far therefore restricts freedom of action (and is an object of respect). These, therefore, are not merely subjective ends whose existence has a worth for us as an effect of our action, but objective ends, that is, things whose existence is an end in itself; an end moreover for which no other can be substituted, which they should subserve merely as means, for otherwise nothing whatever would possess absolute worth; but if all worth were conditioned and therefore contingent, then there would be no supreme practical principle of reason whatever.

If then there is a supreme practical principle or, in respect of the human will, a categorical imperative, it must be one which, being drawn from the conception of that which is necessarily an end for everyone because it is an end in itself, constitutes an objective principle of will, and can therefore serve as a universal practical law. The foundation of this principle is: rational nature exists as an end in itself. Man necessarily conceives his own existence as being so;

so far then this is a subjective principle of human actions. But every other rational being regards its existence similarly, just on the same rational principle that holds for me: \* so that it is at the same time an objective principle, from which as a supreme practical law all laws of the will must be capable of being deduced. Accordingly the practical imperative will be as follows: So act as to treat humanity, whether in thine own person or in that of any other, in every case as an end withal, never as means only. We will now inquire whether this can be practically carried out.

\* This proposition is here stated as a postulate. The ground of it will be found in the concluding section.

To abide by the previous examples:

Firstly, under the head of necessary duty to oneself: He who contemplates suicide should ask himself whether his action can be consistent with the idea of humanity as an end in itself. If he destroys himself in order to escape from painful circumstances, he uses a person merely as a mean to maintain a tolerable condition up to the end of life. But a man is not a thing, that is to say, something which can be used merely as means, but must in all his actions be always considered as an end in himself. I cannot, therefore, dispose in any way of a man in my own person so as to mutilate him, to damage or kill him. (It belongs to ethics proper to define this principle more precisely, so as to avoid all misunderstanding, e. g., as to the amputation of the limbs in order to preserve myself, as to exposing my life to danger with a view to preserve it, etc. This question is therefore omitted here.)

Secondly, as regards necessary duties, or those of strict obligation, towards others: He who is thinking of making a lying promise to others will see at once that he would be using another man merely as a mean, without the latter containing at the same time the end in himself. For he whom I propose by such a promise to use for my own purposes cannot possibly assent to my mode of acting towards him and, therefore, cannot himself contain the end of this action. This violation of the principle of humanity in other men is more obvious if we take in examples of attacks on the

freedom and property of others. For then it is clear that he who transgresses the rights of men intends to use the person of others merely as a means, without considering that as rational beings they ought always to be esteemed also as ends, that is, as beings who must be capable of containing in themselves the end of the very same action. \*

\* Let it not be thought that the common “quod tibi non vis fieri, etc.” could serve here as the rule or principle. For it is only a deduction from the former, though with several limitations; it cannot be a universal law, for it does not contain the principle of duties to oneself, nor of the duties of benevolence to others (for many a one would gladly consent that others should not benefit him, provided only that he might be excused from showing benevolence to them), nor finally that of duties of strict obligation to one another, for on this principle the criminal might argue against the judge who punishes him, and so on.

Thirdly, as regards contingent (meritorious) duties to oneself: It is not enough that the action does not violate humanity in our own person as an end in itself, it must also harmonize with it. Now there are in humanity capacities of greater perfection, which belong to the end that nature has in view in regard to humanity in ourselves as the subject: to neglect these might perhaps be consistent with the maintenance of humanity as an end in itself, but not with the advancement of this end.

Fourthly, as regards meritorious duties towards others: The natural end which all men have is their own happiness. Now humanity might indeed subsist, although no one should contribute anything to the happiness of others, provided he did not intentionally withdraw anything from it; but after all this would only harmonize negatively not positively with humanity as an end in itself, if every one does not also endeavour, as far as in him lies, to forward the ends of others. For the ends of any subject which is an end in himself ought as far as possible to be my ends also, if that conception is to have its full effect with me.

This principle, that humanity and generally every rational nature

is an end in itself (which is the supreme limiting condition of every man's freedom of action), is not borrowed from experience, firstly, because it is universal, applying as it does to all rational beings whatever, and experience is not capable of determining anything about them; secondly, because it does not present humanity as an end to men (subjectively), that is as an object which men do of themselves actually adopt as an end; but as an objective end, which must as a law constitute the supreme limiting condition of all our subjective ends, let them be what we will; it must therefore spring from pure reason. In fact the objective principle of all practical legislation lies (according to the first principle) in the rule and its form of universality which makes it capable of being a law (say, e. g., a law of nature); but the subjective principle is in the end; now by the second principle the subject of all ends is each rational being, inasmuch as it is an end in itself. Hence follows the third practical principle of the will, which is the ultimate condition of its harmony with universal practical reason, viz.: the idea of the will of every rational being as a universally legislative will.

On this principle all maxims are rejected which are inconsistent with the will being itself universal legislator. Thus the will is not subject simply to the law, but so subject that it must be regarded as itself giving the law and, on this ground only, subject to the law (of which it can regard itself as the author).

In the previous imperatives, namely, that based on the conception of the conformity of actions to general laws, as in a physical system of nature, and that based on the universal prerogative of rational beings as ends in themselves- these imperatives, just because they were conceived as categorical, excluded from any share in their authority all admixture of any interest as a spring of action; they were, however, only assumed to be categorical, because such an assumption was necessary to explain the conception of duty. But we could not prove independently that there are practical propositions which command categorically, nor can it be proved in this section; one thing, however, could be done, namely, to indicate in the imperative itself, by some determinate expression, that in the case

of volition from duty all interest is renounced, which is the specific criterion of categorical as distinguished from hypothetical imperatives. This is done in the present (third) formula of the principle, namely, in the idea of the will of every rational being as a universally legislating will.

For although a will which is subject to laws may be attached to this law by means of an interest, yet a will which is itself a supreme lawgiver so far as it is such cannot possibly depend on any interest, since a will so dependent would itself still need another law restricting the interest of its self-love by the condition that it should be valid as universal law.

Thus the principle that every human will is a will which in all its maxims gives universal laws, \* provided it be otherwise justified, would be very well adapted to be the categorical imperative, in this respect, namely, that just because of the idea of universal legislation it is not based on interest, and therefore it alone among all possible imperatives can be unconditional. Or still better, converting the proposition, if there is a categorical imperative (i.e., a law for the will of every rational being), it can only command that everything be done from maxims of one's will regarded as a will which could at the same time will that it should itself give universal laws, for in that case only the practical principle and the imperative which it obeys are unconditional, since they cannot be based on any interest.

\* I may be excused from adducing examples to elucidate this principle, as those which have already been used to elucidate the categorical imperative and its formula would all serve for the like purpose here.

Looking back now on all previous attempts to discover the principle of morality, we need not wonder why they all failed. It was seen that man was bound to laws by duty, but it was not observed that the laws to which he is subject are only those of his own giving, though at the same time they are universal, and that he is only bound to act in conformity with his own will; a will, however, which is designed by nature to give universal laws. For when one has conceived man only as subject to a law (no matter what), then

this law required some interest, either by way of attraction or constraint, since it did not originate as a law from his own will, but this will was according to a law obliged by something else to act in a certain manner. Now by this necessary consequence all the labour spent in finding a supreme principle of duty was irrevocably lost. For men never elicited duty, but only a necessity of acting from a certain interest. Whether this interest was private or otherwise, in any case the imperative must be conditional and could not by any means be capable of being a moral command. I will therefore call this the principle of autonomy of the will, in contrast with every other which I accordingly reckon as heteronomy.

The conception of the will of every rational being as one which must consider itself as giving in all the maxims of its will universal laws, so as to judge itself and its actions from this point of view- this conception leads to another which depends on it and is very fruitful, namely that of a kingdom of ends.

By a kingdom I understand the union of different rational beings in a system by common laws. Now since it is by laws that ends are determined as regards their universal validity, hence, if we abstract from the personal differences of rational beings and likewise from all the content of their private ends, we shall be able to conceive all ends combined in a systematic whole (including both rational beings as ends in themselves, and also the special ends which each may propose to himself), that is to say, we can conceive a kingdom of ends, which on the preceding principles is possible.

For all rational beings come under the law that each of them must treat itself and all others never merely as means, but in every case at the same time as ends in themselves. Hence results a systematic union of rational being by common objective laws, i.e., a kingdom which may be called a kingdom of ends, since what these laws have in view is just the relation of these beings to one another as ends and means. It is certainly only an ideal.

A rational being belongs as a member to the kingdom of ends when, although giving universal laws in it, he is also himself subject

to these laws. He belongs to it as sovereign when, while giving laws, he is not subject to the will of any other.

A rational being must always regard himself as giving laws either as member or as sovereign in a kingdom of ends which is rendered possible by the freedom of will. He cannot, however, maintain the latter position merely by the maxims of his will, but only in case he is a completely independent being without wants and with unrestricted power adequate to his will.

Morality consists then in the reference of all action to the legislation which alone can render a kingdom of ends possible. This legislation must be capable of existing in every rational being and of emanating from his will, so that the principle of this will is never to act on any maxim which could not without contradiction be also a universal law and, accordingly, always so to act that the will could at the same time regard itself as giving in its maxims universal laws. If now the maxims of rational beings are not by their own nature coincident with this objective principle, then the necessity of acting on it is called practical necessitation, i.e., duty. Duty does not apply to the sovereign in the kingdom of ends, but it does to every member of it and to all in the same degree.

The practical necessity of acting on this principle, i.e., duty, does not rest at all on feelings, impulses, or inclinations, but solely on the relation of rational beings to one another, a relation in which the will of a rational being must always be regarded as legislative, since otherwise it could not be conceived as an end in itself. Reason then refers every maxim of the will, regarding it as legislating universally, to every other will and also to every action towards oneself; and this not on account of any other practical motive or any future advantage, but from the idea of the dignity of a rational being, obeying no law but that which he himself also gives.

In the kingdom of ends everything has either value or dignity. Whatever has a value can be replaced by something else which is equivalent; whatever, on the other hand, is above all value, and therefore admits of no equivalent, has a dignity.

Whatever has reference to the general inclinations and wants

of mankind has a market value; whatever, without presupposing a want, corresponds to a certain taste, that is to a satisfaction in the mere purposeless play of our faculties, has a fancy value; but that which constitutes the condition under which alone anything can be an end in itself, this has not merely a relative worth, i.e., value, but an intrinsic worth, that is, dignity.

Now morality is the condition under which alone a rational being can be an end in himself, since by this alone is it possible that he should be a legislating member in the kingdom of ends. Thus morality, and humanity as capable of it, is that which alone has dignity. Skill and diligence in labour have a market value; wit, lively imagination, and humour, have fancy value; on the other hand, fidelity to promises, benevolence from principle (not from instinct), have an intrinsic worth. Neither nature nor art contains anything which in default of these it could put in their place, for their worth consists not in the effects which spring from them, not in the use and advantage which they secure, but in the disposition of mind, that is, the maxims of the will which are ready to manifest themselves in such actions, even though they should not have the desired effect. These actions also need no recommendation from any subjective taste or sentiment, that they may be looked on with immediate favour and satisfaction: they need no immediate propension or feeling for them; they exhibit the will that performs them as an object of an immediate respect, and nothing but reason is required to impose them on the will; not to flatter it into them, which, in the case of duties, would be a contradiction. This estimation therefore shows that the worth of such a disposition is dignity, and places it infinitely above all value, with which it cannot for a moment be brought into comparison or competition without as it were violating its sanctity.

What then is it which justifies virtue or the morally good disposition, in making such lofty claims? It is nothing less than the privilege it secures to the rational being of participating in the giving of universal laws, by which it qualifies him to be a member of a possible kingdom of ends, a privilege to which he was already

destined by his own nature as being an end in himself and, on that account, legislating in the kingdom of ends; free as regards all laws of physical nature, and obeying those only which he himself gives, and by which his maxims can belong to a system of universal law, to which at the same time he submits himself. For nothing has any worth except what the law assigns it. Now the legislation itself which assigns the worth of everything must for that very reason possess dignity, that is an unconditional incomparable worth; and the word respect alone supplies a becoming expression for the esteem which a rational being must have for it. Autonomy then is the basis of the dignity of human and of every rational nature.

The three modes of presenting the principle of morality that have been adduced are at bottom only so many formulae of the very same law, and each of itself involves the other two. There is, however, a difference in them, but it is rather subjectively than objectively practical, intended namely to bring an idea of the reason nearer to intuition (by means of a certain analogy) and thereby nearer to feeling. All maxims, in fact, have:

1. A form, consisting in universality; and in this view the formula of the moral imperative is expressed thus, that the maxims must be so chosen as if they were to serve as universal laws of nature.

2. A matter, namely, an end, and here the formula says that the rational being, as it is an end by its own nature and therefore an end in itself, must in every maxim serve as the condition limiting all merely relative and arbitrary ends.

3. A complete characterization of all maxims by means of that formula, namely, that all maxims ought by their own legislation to harmonize with a possible kingdom of ends as with a kingdom of nature. \* There is a progress here in the order of the categories of unity of the form of the will (its universality), plurality of the matter (the objects, i.e., the ends), and totality of the system of these. In forming our moral judgement of actions, it is better to proceed always on the strict method and start from the general formula of the categorical imperative: Act according to a maxim which can at the same time make itself a universal law. If, however, we wish to

gain an entrance for the moral law, it is very useful to bring one and the same action under the three specified conceptions, and thereby as far as possible to bring it nearer to intuition.

\* Teleology considers nature as a kingdom of ends; ethics regards a possible kingdom of ends as a kingdom nature. In the first case, the kingdom of ends is a theoretical idea, adopted to explain what actually is. In the latter it is a practical idea, adopted to bring about that which is not yet, but which can be realized by our conduct, namely, if it conforms to this idea.

We can now end where we started at the beginning, namely, with the conception of a will unconditionally good. That will is absolutely good which cannot be evil- in other words, whose maxim, if made a universal law, could never contradict itself. This principle, then, is its supreme law: "Act always on such a maxim as thou canst at the same time will to be a universal law"; this is the sole condition under which a will can never contradict itself; and such an imperative is categorical. Since the validity of the will as a universal law for possible actions is analogous to the universal connexion of the existence of things by general laws, which is the formal notion of nature in general, the categorical imperative can also be expressed thus: Act on maxims which can at the same time have for their object themselves as universal laws of nature. Such then is the formula of an absolutely good will.

Rational nature is distinguished from the rest of nature by this, that it sets before itself an end. This end would be the matter of every good will. But since in the idea of a will that is absolutely good without being limited by any condition (of attaining this or that end) we must abstract wholly from every end to be effected (since this would make every will only relatively good), it follows that in this case the end must be conceived, not as an end to be effected, but as an independently existing end. Consequently it is conceived only negatively, i.e., as that which we must never act against and which, therefore, i.e., must never be regarded merely as means, but must in every volition be esteemed as an end likewise. Now this end can be nothing but the subject of all possible ends, since this

is also the subject of a possible absolutely good will; for such a will cannot without contradiction be postponed to any other object. The principle: "So act in regard to every rational being (thyself and others), that he may always have place in thy maxim as an end in himself;" is accordingly essentially identical with this other: "Act upon a maxim which, at the same time, involves its own universal validity for every rational being." For that in using means for every end I should limit my maxim by the condition of its holding good as a law for every subject, this comes to the same thing as that the fundamental principle of all maxims of action must be that the subject of all ends, i.e., the rational being himself, be never employed merely as means, but as the supreme condition restricting the use of all means, that is in every case as an end likewise.

It follows incontestably that, to whatever laws any rational being may be subject, he being an end in himself must be able to regard himself as also legislating universally in respect of these same laws, since it is just this fitness of his maxims for universal legislation that distinguishes him as an end in himself; also it follows that this implies his dignity (prerogative) above all mere physical beings, that he must always take his maxims from the point of view which regards himself and, likewise, every other rational being as law-giving beings (on which account they are called persons). In this way a world of rational beings (*mundus intelligibilis*) is possible as a kingdom of ends, and this by virtue of the legislation proper to all persons as members. Therefore every rational being must so act as if he were by his maxims in every case a legislating member in the universal kingdom of ends. The formal principle of these maxims is: "So act as if thy maxim were to serve likewise as the universal law (of all rational beings)." A kingdom of ends is thus only possible on the analogy of a kingdom of nature, the former however only by maxims, that is self-imposed rules, the latter only by the laws of efficient causes acting under necessitation from without. Nevertheless, although the system of nature is looked upon as a machine, yet so far as it has reference to rational beings as its ends, it is given on this account the name of a kingdom of nature. Now

such a kingdom of ends would be actually realized by means of maxims conforming to the canon which the categorical imperative prescribes to all rational beings, if they were universally followed. But although a rational being, even if he punctually follows this maxim himself, cannot reckon upon all others being therefore true to the same, nor expect that the kingdom of nature and its orderly arrangements shall be in harmony with him as a fitting member, so as to form a kingdom of ends to which he himself contributes, that is to say, that it shall favour his expectation of happiness, still that law: "Act according to the maxims of a member of a merely possible kingdom of ends legislating in it universally," remains in its full force, inasmuch as it commands categorically. And it is just in this that the paradox lies; that the mere dignity of man as a rational creature, without any other end or advantage to be attained thereby, in other words, respect for a mere idea, should yet serve as an inflexible precept of the will, and that it is precisely in this independence of the maxim on all such springs of action that its sublimity consists; and it is this that makes every rational subject worthy to be a legislative member in the kingdom of ends: for otherwise he would have to be conceived only as subject to the physical law of his wants. And although we should suppose the kingdom of nature and the kingdom of ends to be united under one sovereign, so that the latter kingdom thereby ceased to be a mere idea and acquired true reality, then it would no doubt gain the accession of a strong spring, but by no means any increase of its intrinsic worth. For this sole absolute lawgiver must, notwithstanding this, be always conceived as estimating the worth of rational beings only by their disinterested behaviour, as prescribed to themselves from that idea [the dignity of man] alone. The essence of things is not altered by their external relations, and that which, abstracting from these, alone constitutes the absolute worth of man, is also that by which he must be judged, whoever the judge may be, and even by the Supreme Being. Morality, then, is the relation of actions to the relation of actions will, that is, to the autonomy of potential universal legislation by its maxims. An action that is consistent with

the autonomy of the will is permitted; one that does not agree therewith is forbidden. A will whose maxims necessarily coincide with the laws of autonomy is a holy will, good absolutely. The dependence of a will not absolutely good on the principle of autonomy (moral necessitation) is obligation. This, then, cannot be applied to a holy being. The objective necessity of actions from obligation is called duty.

From what has just been said, it is easy to see how it happens that, although the conception of duty implies subjection to the law, we yet ascribe a certain dignity and sublimity to the person who fulfils all his duties. There is not, indeed, any sublimity in him, so far as he is subject to the moral law; but inasmuch as in regard to that very law he is likewise a legislator, and on that account alone subject to it, he has sublimity. We have also shown above that neither fear nor inclination, but simply respect for the law, is the spring which can give actions a moral worth. Our own will, so far as we suppose it to act only under the condition that its maxims are potentially universal laws, this ideal will which is possible to us is the proper object of respect; and the dignity of humanity consists just in this capacity of being universally legislative, though with the condition that it is itself subject to this same legislation.

#### The Autonomy of the Will as the Supreme Principle of Morality

Autonomy of the will is that property of it by which it is a law to itself (independently of any property of the objects of volition). The principle of autonomy then is: "Always so to choose that the same volition shall comprehend the maxims of our choice as a universal law." We cannot prove that this practical rule is an imperative, i.e., that the will of every rational being is necessarily bound to it as a condition, by a mere analysis of the conceptions which occur in it, since it is a synthetical proposition; we must advance beyond the cognition of the objects to a critical examination of the subject, that is, of the pure practical reason, for this synthetic proposition which commands apodeictically must be capable of being cognized wholly a priori. This matter, however, does not belong to the present section. But that the principle of autonomy in question is the sole

principle of morals can be readily shown by mere analysis of the conceptions of morality. For by this analysis we find that its principle must be a categorical imperative and that what this commands is neither more nor less than this very autonomy.

#### Heteronomy of the Will as the Source of all spurious Principles of Morality

If the will seeks the law which is to determine it anywhere else than in the fitness of its maxims to be universal laws of its own dictation, consequently if it goes out of itself and seeks this law in the character of any of its objects, there always results heteronomy. The will in that case does not give itself the law, but it is given by the object through its relation to the will. This relation, whether it rests on inclination or on conceptions of reason, only admits of hypothetical imperatives: "I ought to do something because I wish for something else." On the contrary, the moral, and therefore categorical, imperative says: "I ought to do so and so, even though I should not wish for anything else." E.g., the former says: "I ought not to lie, if I would retain my reputation"; the latter says: "I ought not to lie, although it should not bring me the least discredit." The latter therefore must so far abstract from all objects that they shall have no influence on the will, in order that practical reason (will) may not be restricted to administering an interest not belonging to it, but may simply show its own commanding authority as the supreme legislation. Thus, e.g., I ought to endeavour to promote the happiness of others, not as if its realization involved any concern of mine (whether by immediate inclination or by any satisfaction indirectly gained through reason), but simply because a maxim which excludes it cannot be comprehended as a universal law in one and the same volition.

#### Classification of all Principles of Morality which can be founded on the Conception of Heteronomy

Here as elsewhere human reason in its pure use, so long as it was not critically examined, has first tried all possible wrong ways before it succeeded in finding the one true way.

All principles which can be taken from this point of view are

either empirical or rational. The former, drawn from the principle of happiness, are built on physical or moral feelings; the latter, drawn from the principle of perfection, are built either on the rational conception of perfection as a possible effect, or on that of an independent perfection (the will of God) as the determining cause of our will.

Empirical principles are wholly incapable of serving as a foundation for moral laws. For the universality with which these should hold for all rational beings without distinction, the unconditional practical necessity which is thereby imposed on them, is lost when their foundation is taken from the particular constitution of human nature, or the accidental circumstances in which it is placed. The principle of private happiness, however, is the most objectionable, not merely because it is false, and experience contradicts the supposition that prosperity is always proportioned to good conduct, nor yet merely because it contributes nothing to the establishment of morality- since it is quite a different thing to make a prosperous man and a good man, or to make one prudent and sharp-sighted for his own interests and to make him virtuous- but because the springs it provides for morality are such as rather undermine it and destroy its sublimity, since they put the motives to virtue and to vice in the same class and only teach us to make a better calculation, the specific difference between virtue and vice being entirely extinguished. On the other hand, as to moral feeling, this supposed special sense, \* the appeal to it is indeed superficial when those who cannot think believe that feeling will help them out, even in what concerns general laws: and besides, feelings, which naturally differ infinitely in degree, cannot furnish a uniform standard of good and evil, nor has anyone a right to form judgements for others by his own feelings: nevertheless this moral feeling is nearer to morality and its dignity in this respect, that it pays virtue the honour of ascribing to her immediately the satisfaction and esteem we have for her and does not, as it were, tell her to her face that we are not attached to her by her beauty but by profit.

\* I class the principle of moral feeling under that of happiness, because every empirical interest promises to contribute to our well-being by the agreeableness that a thing affords, whether it be immediately and without a view to profit, or whether profit be regarded. We must likewise, with Hutcheson, class the principle of sympathy with the happiness of others under his assumed moral sense.

Amongst the rational principles of morality, the ontological conception of perfection, notwithstanding its defects, is better than the theological conception which derives morality from a Divine absolutely perfect will. The former is, no doubt, empty and indefinite and consequently useless for finding in the boundless field of possible reality the greatest amount suitable for us; moreover, in attempting to distinguish specifically the reality of which we are now speaking from every other, it inevitably tends to turn in a circle and cannot avoid tacitly presupposing the morality which it is to explain; it is nevertheless preferable to the theological view, first, because we have no intuition of the divine perfection and can only deduce it from our own conceptions, the most important of which is that of morality, and our explanation would thus be involved in a gross circle; and, in the next place, if we avoid this, the only notion of the Divine will remaining to us is a conception made up of the attributes of desire of glory and dominion, combined with the awful conceptions of might and vengeance, and any system of morals erected on this foundation would be directly opposed to morality.

However, if I had to choose between the notion of the moral sense and that of perfection in general (two systems which at least do not weaken morality, although they are totally incapable of serving as its foundation), then I should decide for the latter, because it at least withdraws the decision of the question from the sensibility and brings it to the court of pure reason; and although even here it decides nothing, it at all events preserves the indefinite idea (of a will good in itself free from corruption, until it shall be more precisely defined).

For the rest I think I may be excused here from a detailed refutation of all these doctrines; that would only be superfluous labour, since it is so easy, and is probably so well seen even by those whose office requires them to decide for one of these theories (because their hearers would not tolerate suspension of judgement). But what interests us more here is to know that the prime foundation of morality laid down by all these principles is nothing but heteronomy of the will, and for this reason they must necessarily miss their aim.

In every case where an object of the will has to be supposed, in order that the rule may be prescribed which is to determine the will, there the rule is simply heteronomy; the imperative is conditional, namely, if or because one wishes for this object, one should act so and so: hence it can never command morally, that is, categorically. Whether the object determines the will by means of inclination, as in the principle of private happiness, or by means of reason directed to objects of our possible volition generally, as in the principle of perfection, in either case the will never determines itself immediately by the conception of the action, but only by the influence which the foreseen effect of the action has on the will; I ought to do something, on this account, because I wish for something else; and here there must be yet another law assumed in me as its subject, by which I necessarily will this other thing, and this law again requires an imperative to restrict this maxim. For the influence which the conception of an object within the reach of our faculties can exercise on the will of the subject, in consequence of its natural properties, depends on the nature of the subject, either the sensibility (inclination and taste), or the understanding and reason, the employment of which is by the peculiar constitution of their nature attended with satisfaction. It follows that the law would be, properly speaking, given by nature, and, as such, it must be known and proved by experience and would consequently be contingent and therefore incapable of being an apodeictic practical rule, such as the moral rule must be. Not only so, but it is inevitably only heteronomy; the will does not give itself the law, but is given

by a foreign impulse by means of a particular natural constitution of the subject adapted to receive it. An absolutely good will, then, the principle of which must be a categorical imperative, will be indeterminate as regards all objects and will contain merely the form of volition generally, and that as autonomy, that is to say, the capability of the maxims of every good will to make themselves a universal law, is itself the only law which the will of every rational being imposes on itself, without needing to assume any spring or interest as a foundation.

How such a synthetical practical a priori proposition is possible, and why it is necessary, is a problem whose solution does not lie within the bounds of the metaphysic of morals; and we have not here affirmed its truth, much less professed to have a proof of it in our power. We simply showed by the development of the universally received notion of morality that an autonomy of the will is inevitably connected with it, or rather is its foundation. Whoever then holds morality to be anything real, and not a chimerical idea without any truth, must likewise admit the principle of it that is here assigned. This section then, like the first, was merely analytical. Now to prove that morality is no creation of the brain, which it cannot be if the categorical imperative and with it the autonomy of the will is true, and as an a priori principle absolutely necessary, this supposes the possibility of a synthetic use of pure practical reason, which however we cannot venture on without first giving a critical examination of this faculty of reason. In the concluding section we shall give the principal outlines of this critical examination as far as is sufficient for our purpose.

THIRD SECTION

TRANSITION FROM THE METAPHYSIC OF  
MORALS TO THE

CRITIQUE OF PURE PRACTICAL REASON

The Concept of Freedom is the Key that explains the Autonomy of the Will

The will is a kind of causality belonging to living beings in so far as they are rational, and freedom would be this property of such causality that it can be efficient, independently of foreign causes determining it; just as physical necessity is the property that the causality of all irrational beings has of being determined to activity by the influence of foreign causes.

The preceding definition of freedom is negative and therefore unfruitful for the discovery of its essence, but it leads to a positive conception which is so much the more full and fruitful.

Since the conception of causality involves that of laws, according to which, by something that we call cause, something else, namely the effect, must be produced; hence, although freedom is not a property of the will depending on physical laws, yet it is not for that reason lawless; on the contrary it must be a causality acting according to immutable laws, but of a peculiar kind; otherwise a free will would be an absurdity. Physical necessity is a heteronomy of the efficient causes, for every effect is possible only according to this law, that something else determines the efficient cause to exert its causality. What else then can freedom of the will be but autonomy, that is, the property of the will to be a law to itself? But the proposition: "The will is in every action a law to itself,"

only expresses the principle: “To act on no other maxim than that which can also have as an object itself as a universal law.” Now this is precisely the formula of the categorical imperative and is the principle of morality, so that a free will and a will subject to moral laws are one and the same.

On the hypothesis, then, of freedom of the will, morality together with its principle follows from it by mere analysis of the conception. However, the latter is a synthetic proposition; viz., an absolutely good will is that whose maxim can always include itself regarded as a universal law; for this property of its maxim can never be discovered by analysing the conception of an absolutely good will. Now such synthetic propositions are only possible in this way: that the two cognitions are connected together by their union with a third in which they are both to be found. The positive concept of freedom furnishes this third cognition, which cannot, as with physical causes, be the nature of the sensible world (in the concept of which we find conjoined the concept of something in relation as cause to something else as effect). We cannot now at once show what this third is to which freedom points us and of which we have an idea a priori, nor can we make intelligible how the concept of freedom is shown to be legitimate from principles of pure practical reason and with it the possibility of a categorical imperative; but some further preparation is required.

#### Freedom must be presupposed as a Property of the Will of all Rational Beings

It is not enough to predicate freedom of our own will, from Whatever reason, if we have not sufficient grounds for predicating the same of all rational beings. For as morality serves as a law for us only because we are rational beings, it must also hold for all rational beings; and as it must be deduced simply from the property of freedom, it must be shown that freedom also is a property of all rational beings. It is not enough, then, to prove it from certain supposed experiences of human nature (which indeed is quite impossible, and it can only be shown a priori), but we must show that it belongs to the activity of all rational beings endowed with

a will. Now I say every being that cannot act except under the idea of freedom is just for that reason in a practical point of view really free, that is to say, all laws which are inseparably connected with freedom have the same force for him as if his will had been shown to be free in itself by a proof theoretically conclusive. \* Now I affirm that we must attribute to every rational being which has a will that it has also the idea of freedom and acts entirely under this idea. For in such a being we conceive a reason that is practical, that is, has causality in reference to its objects. Now we cannot possibly conceive a reason consciously receiving a bias from any other quarter with respect to its judgements, for then the subject would ascribe the determination of its judgement not to its own reason, but to an impulse. It must regard itself as the author of its principles independent of foreign influences. Consequently as practical reason or as the will of a rational being it must regard itself as free, that is to say, the will of such a being cannot be a will of its own except under the idea of freedom. This idea must therefore in a practical point of view be ascribed to every rational being.

\* I adopt this method of assuming freedom merely as an idea which rational beings suppose in their actions, in order to avoid the necessity of proving it in its theoretical aspect also. The former is sufficient for my purpose; for even though the speculative proof should not be made out, yet a being that cannot act except with the idea of freedom is bound by the same laws that would oblige a being who was actually free. Thus we can escape here from the onus which presses on the theory.

#### Of the Interest attaching to the Ideas of Morality

We have finally reduced the definite conception of morality to the idea of freedom. This latter, however, we could not prove to be actually a property of ourselves or of human nature; only we saw that it must be presupposed if we would conceive a being as rational and conscious of its causality in respect of its actions, i.e., as endowed with a will; and so we find that on just the same grounds we must ascribe to every being endowed with reason and

will this attribute of determining itself to action under the idea of its freedom.

Now it resulted also from the presupposition of these ideas that we became aware of a law that the subjective principles of action, i.e., maxims, must always be so assumed that they can also hold as objective, that is, universal principles, and so serve as universal laws of our own dictation. But why then should I subject myself to this principle and that simply as a rational being, thus also subjecting to it all other being endowed with reason? I will allow that no interest urges me to this, for that would not give a categorical imperative, but I must take an interest in it and discern how this comes to pass; for this properly an “I ought” is properly an “I would,” valid for every rational being, provided only that reason determined his actions without any hindrance. But for beings that are in addition affected as we are by springs of a different kind, namely, sensibility, and in whose case that is not always done which reason alone would do, for these that necessity is expressed only as an “ought,” and the subjective necessity is different from the objective.

It seems then as if the moral law, that is, the principle of autonomy of the will, were properly speaking only presupposed in the idea of freedom, and as if we could not prove its reality and objective necessity independently. In that case we should still have gained something considerable by at least determining the true principle more exactly than had previously been done; but as regards its validity and the practical necessity of subjecting oneself to it, we should not have advanced a step. For if we were asked why the universal validity of our maxim as a law must be the condition restricting our actions, and on what we ground the worth which we assign to this manner of acting- a worth so great that there cannot be any higher interest; and if we were asked further how it happens that it is by this alone a man believes he feels his own personal worth, in comparison with which that of an agreeable or disagreeable condition is to be regarded as nothing, to these questions we could give no satisfactory answer.

We find indeed sometimes that we can take an interest in a

personal quality which does not involve any interest of external condition, provided this quality makes us capable of participating in the condition in case reason were to effect the allotment; that is to say, the mere being worthy of happiness can interest of itself even without the motive of participating in this happiness. This judgement, however, is in fact only the effect of the importance of the moral law which we before presupposed (when by the idea of freedom we detach ourselves from every empirical interest); but that we ought to detach ourselves from these interests, i.e., to consider ourselves as free in action and yet as subject to certain laws, so as to find a worth simply in our own person which can compensate us for the loss of everything that gives worth to our condition; this we are not yet able to discern in this way, nor do we see how it is possible so to act- in other words, whence the moral law derives its obligation.

It must be freely admitted that there is a sort of circle here from which it seems impossible to escape. In the order of efficient causes we assume ourselves free, in order that in the order of ends we may conceive ourselves as subject to moral laws: and we afterwards conceive ourselves as subject to these laws, because we have attributed to ourselves freedom of will: for freedom and self-legislation of will are both autonomy and, therefore, are reciprocal conceptions, and for this very reason one must not be used to explain the other or give the reason of it, but at most only logical purposes to reduce apparently different notions of the same object to one single concept (as we reduce different fractions of the same value to the lowest terms).

One resource remains to us, namely, to inquire whether we do not occupy different points of view when by means of freedom we think ourselves as causes efficient a priori, and when we form our conception of ourselves from our actions as effects which we see before our eyes.

It is a remark which needs no subtle reflection to make, but which we may assume that even the commonest understanding can make, although it be after its fashion by an obscure discernment

of judgement which it calls feeling, that all the “ideas” that come to us involuntarily (as those of the senses) do not enable us to know objects otherwise than as they affect us; so that what they may be in themselves remains unknown to us, and consequently that as regards “ideas” of this kind even with the closest attention and clearness that the understanding can apply to them, we can by them only attain to the knowledge of appearances, never to that of things in themselves. As soon as this distinction has once been made (perhaps merely in consequence of the difference observed between the ideas given us from without, and in which we are passive, and those that we produce simply from ourselves, and in which we show our own activity), then it follows of itself that we must admit and assume behind the appearance something else that is not an appearance, namely, the things in themselves; although we must admit that as they can never be known to us except as they affect us, we can come no nearer to them, nor can we ever know what they are in themselves. This must furnish a distinction, however crude, between a world of sense and the world of understanding, of which the former may be different according to the difference of the sensuous impressions in various observers, while the second which is its basis always remains the same, Even as to himself, a man cannot pretend to know what he is in himself from the knowledge he has by internal sensation. For as he does not as it were create himself, and does not come by the conception of himself a priori but empirically, it naturally follows that he can obtain his knowledge even of himself only by the inner sense and, consequently, only through the appearances of his nature and the way in which his consciousness is affected. At the same time beyond these characteristics of his own subject, made up of mere appearances, he must necessarily suppose something else as their basis, namely, his ego, whatever its characteristics in itself may be. Thus in respect to mere perception and receptivity of sensations he must reckon himself as belonging to the world of sense; but in respect of whatever there may be of pure activity in him (that which reaches consciousness immediately and not through affecting the

senses), he must reckon himself as belonging to the intellectual world, of which, however, he has no further knowledge. To such a conclusion the reflecting man must come with respect to all the things which can be presented to him: it is probably to be met with even in persons of the commonest understanding, who, as is well known, are very much inclined to suppose behind the objects of the senses something else invisible and acting of itself. They spoil it, however, by presently sensualizing this invisible again; that is to say, wanting to make it an object of intuition, so that they do not become a whit the wiser.

Now man really finds in himself a faculty by which he distinguishes himself from everything else, even from himself as affected by objects, and that is reason. This being pure spontaneity is even elevated above the understanding. For although the latter is a spontaneity and does not, like sense, merely contain intuitions that arise when we are affected by things (and are therefore passive), yet it cannot produce from its activity any other conceptions than those which merely serve to bring the intuitions of sense under rules and, thereby, to unite them in one consciousness, and without this use of the sensibility it could not think at all; whereas, on the contrary, reason shows so pure a spontaneity in the case of what I call ideas [ideal conceptions] that it thereby far transcends everything that the sensibility can give it, and exhibits its most important function in distinguishing the world of sense from that of understanding, and thereby prescribing the limits of the understanding itself.

For this reason a rational being must regard himself qua intelligence (not from the side of his lower faculties) as belonging not to the world of sense, but to that of understanding; hence he has two points of view from which he can regard himself, and recognise laws of the exercise of his faculties, and consequently of all his actions: first, so far as he belongs to the world of sense, he finds himself subject to laws of nature (heteronomy); secondly, as belonging to the intelligible world, under laws which being

independent of nature have their foundation not in experience but in reason alone.

As a rational being, and consequently belonging to the intelligible world, man can never conceive the causality of his own will otherwise than on condition of the idea of freedom, for independence of the determinate causes of the sensible world (an independence which reason must always ascribe to itself) is freedom. Now the idea of freedom is inseparably connected with the conception of autonomy, and this again with the universal principle of morality which is ideally the foundation of all actions of rational beings, just as the law of nature is of all phenomena.

Now the suspicion is removed which we raised above, that there was a latent circle involved in our reasoning from freedom to autonomy, and from this to the moral law, viz.: that we laid down the idea of freedom because of the moral law only that we might afterwards in turn infer the latter from freedom, and that consequently we could assign no reason at all for this law, but could only [present] it as a *petitio principii* which well disposed minds would gladly concede to us, but which we could never put forward as a provable proposition. For now we see that, when we conceive ourselves as free, we transfer ourselves into the world of understanding as members of it and recognise the autonomy of the will with its consequence, morality; whereas, if we conceive ourselves as under obligation, we consider ourselves as belonging to the world of sense and at the same time to the world of understanding.

How is a Categorical Imperative Possible?

Every rational being reckons himself qua intelligence as belonging to the world of understanding, and it is simply as an efficient cause belonging to that world that he calls his causality a will. On the other side he is also conscious of himself as a part of the world of sense in which his actions, which are mere appearances [phenomena] of that causality, are displayed; we cannot, however, discern how they are possible from this causality which we do not know; but instead of that, these actions as belonging to the sensible world

must be viewed as determined by other phenomena, namely, desires and inclinations. If therefore I were only a member of the world of understanding, then all my actions would perfectly conform to the principle of autonomy of the pure will; if I were only a part of the world of sense, they would necessarily be assumed to conform wholly to the natural law of desires and inclinations, in other words, to the heteronomy of nature. (The former would rest on morality as the supreme principle, the latter on happiness.) Since, however, the world of understanding contains the foundation of the world of sense, and consequently of its laws also, and accordingly gives the law to my will (which belongs wholly to the world of understanding) directly, and must be conceived as doing so, it follows that, although on the one side I must regard myself as a being belonging to the world of sense, yet on the other side I must recognize myself as subject as an intelligence to the law of the world of understanding, i.e., to reason, which contains this law in the idea of freedom, and therefore as subject to the autonomy of the will: consequently I must regard the laws of the world of understanding as imperatives for me and the actions which conform to them as duties.

And thus what makes categorical imperatives possible is this, that the idea of freedom makes me a member of an intelligible world, in consequence of which, if I were nothing else, all my actions would always conform to the autonomy of the will; but as I at the same time intuit myself as a member of the world of sense, they ought so to conform, and this categorical “ought” implies a synthetic a priori proposition, inasmuch as besides my will as affected by sensible desires there is added further the idea of the same will but as belonging to the world of the understanding, pure and practical of itself, which contains the supreme condition according to reason of the former will; precisely as to the intuitions of sense there are added concepts of the understanding which of themselves signify nothing but regular form in general and in this way synthetic a priori propositions become possible, on which all knowledge of physical nature rests.

The practical use of common human reason confirms this

reasoning. There is no one, not even the most consummate villain, provided only that he is otherwise accustomed to the use of reason, who, when we set before him examples of honesty of purpose, of steadfastness in following good maxims, of sympathy and general benevolence (even combined with great sacrifices of advantages and comfort), does not wish that he might also possess these qualities. Only on account of his inclinations and impulses he cannot attain this in himself, but at the same time he wishes to be free from such inclinations which are burdensome to himself. He proves by this that he transfers himself in thought with a will free from the impulses of the sensibility into an order of things wholly different from that of his desires in the field of the sensibility; since he cannot expect to obtain by that wish any gratification of his desires, nor any position which would satisfy any of his actual or supposable inclinations (for this would destroy the pre-eminence of the very idea which wrests that wish from him): he can only expect a greater intrinsic worth of his own person. This better person, however, he imagines himself to be when he transfers himself to the point of view of a member of the world of the understanding, to which he is involuntarily forced by the idea of freedom, i.e., of independence on determining causes of the world of sense; and from this point of view he is conscious of a good will, which by his own confession constitutes the law for the bad will that he possesses as a member of the world of sense— a law whose authority he recognizes while transgressing it. What he morally “ought” is then what he necessarily “would,” as a member of the world of the understanding, and is conceived by him as an “ought” only inasmuch as he likewise considers himself as a member of the world of sense.

Of the Extreme Limits of all Practical Philosophy.

All men attribute to themselves freedom of will. Hence come all judgements upon actions as being such as ought to have been done, although they have not been done. However, this freedom is not a conception of experience, nor can it be so, since it still remains, even though experience shows the contrary of what on supposition of freedom are conceived as its necessary consequences. On the

other side it is equally necessary that everything that takes place should be fixedly determined according to laws of nature. This necessity of nature is likewise not an empirical conception, just for this reason, that it involves the notion of necessity and consequently of a priori cognition. But this conception of a system of nature is confirmed by experience; and it must even be inevitably presupposed if experience itself is to be possible, that is, a connected knowledge of the objects of sense resting on general laws. Therefore freedom is only an idea of reason, and its objective reality in itself is doubtful; while nature is a concept of the understanding which proves, and must necessarily prove, its reality in examples of experience.

There arises from this a dialectic of reason, since the freedom attributed to the will appears to contradict the necessity of nature, and placed between these two ways reason for speculative purposes finds the road of physical necessity much more beaten and more appropriate than that of freedom; yet for practical purposes the narrow footpath of freedom is the only one on which it is possible to make use of reason in our conduct; hence it is just as impossible for the subtlest philosophy as for the commonest reason of men to argue away freedom. Philosophy must then assume that no real contradiction will be found between freedom and physical necessity of the same human actions, for it cannot give up the conception of nature any more than that of freedom.

Nevertheless, even though we should never be able to comprehend how freedom is possible, we must at least remove this apparent contradiction in a convincing manner. For if the thought of freedom contradicts either itself or nature, which is equally necessary, it must in competition with physical necessity be entirely given up.

It would, however, be impossible to escape this contradiction if the thinking subject, which seems to itself free, conceived itself in the same sense or in the very same relation when it calls itself free as when in respect of the same action it assumes itself to be subject to the law of nature. Hence it is an indispensable problem

of speculative philosophy to show that its illusion respecting the contradiction rests on this, that we think of man in a different sense and relation when we call him free and when we regard him as subject to the laws of nature as being part and parcel of nature. It must therefore show that not only can both these very well co-exist, but that both must be thought as necessarily united in the same subject, since otherwise no reason could be given why we should burden reason with an idea which, though it may possibly without contradiction be reconciled with another that is sufficiently established, yet entangles us in a perplexity which sorely embarrasses reason in its theoretic employment. This duty, however, belongs only to speculative philosophy. The philosopher then has no option whether he will remove the apparent contradiction or leave it untouched; for in the latter case the theory respecting this would be *bonum vacans*, into the possession of which the fatalist would have a right to enter and chase all morality out of its supposed domain as occupying it without title.

We cannot however as yet say that we are touching the bounds of practical philosophy. For the settlement of that controversy does not belong to it; it only demands from speculative reason that it should put an end to the discord in which it entangles itself in theoretical questions, so that practical reason may have rest and security from external attacks which might make the ground debatable on which it desires to build.

The claims to freedom of will made even by common reason are founded on the consciousness and the admitted supposition that reason is independent of merely subjectively determined causes which together constitute what belongs to sensation only and which consequently come under the general designation of sensibility. Man considering himself in this way as an intelligence places himself thereby in a different order of things and in a relation to determining grounds of a wholly different kind when on the one hand he thinks of himself as an intelligence endowed with a will, and consequently with causality, and when on the other he perceives himself as a phenomenon in the world of sense (as he

really is also), and affirms that his causality is subject to external determination according to laws of nature. Now he soon becomes aware that both can hold good, nay, must hold good at the same time. For there is not the smallest contradiction in saying that a thing in appearance (belonging to the world of sense) is subject to certain laws, of which the very same as a thing or being in itself is independent, and that he must conceive and think of himself in this twofold way, rests as to the first on the consciousness of himself as an object affected through the senses, and as to the second on the consciousness of himself as an intelligence, i.e., as independent on sensible impressions in the employment of his reason (in other words as belonging to the world of understanding).

Hence it comes to pass that man claims the possession of a will which takes no account of anything that comes under the head of desires and inclinations and, on the contrary, conceives actions as possible to him, nay, even as necessary which can only be done by disregarding all desires and sensible inclinations. The causality of such actions lies in him as an intelligence and in the laws of effects and actions [which depend] on the principles of an intelligible world, of which indeed he knows nothing more than that in it pure reason alone independent of sensibility gives the law; moreover since it is only in that world, as an intelligence, that he is his proper self (being as man only the appearance of himself), those laws apply to him directly and categorically, so that the incitements of inclinations and appetites (in other words the whole nature of the world of sense) cannot impair the laws of his volition as an intelligence. Nay, he does not even hold himself responsible for the former or ascribe them to his proper self, i.e., his will: he only ascribes to his will any indulgence which he might yield them if he allowed them to influence his maxims to the prejudice of the rational laws of the will.

When practical reason thinks itself into a world of understanding, it does not thereby transcend its own limits, as it would if it tried to enter it by intuition or sensation. The former is only a negative thought in respect of the world of sense, which does not give any

laws to reason in determining the will and is positive only in this single point that this freedom as a negative characteristic is at the same time conjoined with a (positive) faculty and even with a causality of reason, which we designate a will, namely a faculty of so acting that the principle of the actions shall conform to the essential character of a rational motive, i.e., the condition that the maxim have universal validity as a law. But were it to borrow an object of will, that is, a motive, from the world of understanding, then it would overstep its bounds and pretend to be acquainted with something of which it knows nothing. The conception of a world of the understanding is then only a point of view which reason finds itself compelled to take outside the appearances in order to conceive itself as practical, which would not be possible if the influences of the sensibility had a determining power on man, but which is necessary unless he is to be denied the consciousness of himself as an intelligence and, consequently, as a rational cause, energizing by reason, that is, operating freely. This thought certainly involves the idea of an order and a system of laws different from that of the mechanism of nature which belongs to the sensible world; and it makes the conception of an intelligible world necessary (that is to say, the whole system of rational beings as things in themselves). But it does not in the least authorize us to think of it further than as to its formal condition only, that is, the universality of the maxims of the will as laws, and consequently the autonomy of the latter, which alone is consistent with its freedom; whereas, on the contrary, all laws that refer to a definite object give heteronomy, which only belongs to laws of nature and can only apply to the sensible world.

But reason would overstep all its bounds if it undertook to explain how pure reason can be practical, which would be exactly the same problem as to explain how freedom is possible.

For we can explain nothing but that which we can reduce to laws, the object of which can be given in some possible experience. But freedom is a mere idea, the objective reality of which can in no wise be shown according to laws of nature, and consequently

not in any possible experience; and for this reason it can never be comprehended or understood, because we cannot support it by any sort of example or analogy. It holds good only as a necessary hypothesis of reason in a being that believes itself conscious of a will, that is, of a faculty distinct from mere desire (namely, a faculty of determining itself to action as an intelligence, in other words, by laws of reason independently on natural instincts). Now where determination according to laws of nature ceases, there all explanation ceases also, and nothing remains but defence, i.e., the removal of the objections of those who pretend to have seen deeper into the nature of things, and thereupon boldly declare freedom impossible. We can only point out to them that the supposed contradiction that they have discovered in it arises only from this, that in order to be able to apply the law of nature to human actions, they must necessarily consider man as an appearance: then when we demand of them that they should also think of him qua intelligence as a thing in itself, they still persist in considering him in this respect also as an appearance. In this view it would no doubt be a contradiction to suppose the causality of the same subject (that is, his will) to be withdrawn from all the natural laws of the sensible world. But this contradiction disappears, if they would only bethink themselves and admit, as is reasonable, that behind the appearances there must also lie at their root (although hidden) the things in themselves, and that we cannot expect the laws of these to be the same as those that govern their appearances.

The subjective impossibility of explaining the freedom of the will is identical with the impossibility of discovering and explaining an interest \* which man can take in the moral law. Nevertheless he does actually take an interest in it, the basis of which in us we call the moral feeling, which some have falsely assigned as the standard of our moral judgement, whereas it must rather be viewed as the subjective effect that the law exercises on the will, the objective principle of which is furnished by reason alone.

\* Interest is that by which reason becomes practical, i.e., a cause determining the will. Hence we say of rational beings only that

they take an interest in a thing; irrational beings only feel sensual appetites. Reason takes a direct interest in action then only when the universal validity of its maxims is alone sufficient to determine the will. Such an interest alone is pure. But if it can determine the will only by means of another object of desire or on the suggestion of a particular feeling of the subject, then reason takes only an indirect interest in the action, and, as reason by itself without experience cannot discover either objects of the will or a special feeling actuating it, this latter interest would only be empirical and not a pure rational interest. The logical interest of reason (namely, to extend its insight) is never direct, but presupposes purposes for which reason is employed.

In order indeed that a rational being who is also affected through the senses should will what reason alone directs such beings that they ought to will, it is no doubt requisite that reason should have a power to infuse a feeling of pleasure or satisfaction in the fulfilment of duty, that is to say, that it should have a causality by which it determines the sensibility according to its own principles. But it is quite impossible to discern, i.e., to make it intelligible a priori, how a mere thought, which itself contains nothing sensible, can itself produce a sensation of pleasure or pain; for this is a particular kind of causality of which as of every other causality we can determine nothing whatever a priori; we must only consult experience about it. But as this cannot supply us with any relation of cause and effect except between two objects of experience, whereas in this case, although indeed the effect produced lies within experience, yet the cause is supposed to be pure reason acting through mere ideas which offer no object to experience, it follows that for us men it is quite impossible to explain how and why the universality of the maxim as a law, that is, morality, interests. This only is certain, that it is not because it interests us that it has validity for us (for that would be heteronomy and dependence of practical reason on sensibility, namely, on a feeling as its principle, in which case it could never give moral laws), but that it interests us because it is valid for us as men, inasmuch as it had its source in our will as intelligences, in other

words, in our proper self, and what belongs to mere appearance is necessarily subordinated by reason to the nature of the thing in itself.

The question then, “How a categorical imperative is possible,” can be answered to this extent, that we can assign the only hypothesis on which it is possible, namely, the idea of freedom; and we can also discern the necessity of this hypothesis, and this is sufficient for the practical exercise of reason, that is, for the conviction of the validity of this imperative, and hence of the moral law; but how this hypothesis itself is possible can never be discerned by any human reason. On the hypothesis, however, that the will of an intelligence is free, its autonomy, as the essential formal condition of its determination, is a necessary consequence. Moreover, this freedom of will is not merely quite possible as a hypothesis (not involving any contradiction to the principle of physical necessity in the connexion of the phenomena of the sensible world) as speculative philosophy can show: but further, a rational being who is conscious of causality through reason, that is to say, of a will (distinct from desires), must of necessity make it practically, that is, in idea, the condition of all his voluntary actions. But to explain how pure reason can be of itself practical without the aid of any spring of action that could be derived from any other source, i.e., how the mere principle of the universal validity of all its maxims as laws (which would certainly be the form of a pure practical reason) can of itself supply a spring, without any matter (object) of the will in which one could antecedently take any interest; and how it can produce an interest which would be called purely moral; or in other words, how pure reason can be practical- to explain this is beyond the power of human reason, and all the labour and pains of seeking an explanation of it are lost.

It is just the same as if I sought to find out how freedom itself is possible as the causality of a will. For then I quit the ground of philosophical explanation, and I have no other to go upon. I might indeed revel in the world of intelligences which still remains to me, but although I have an idea of it which is well founded, yet I have

not the least knowledge of it, nor an I ever attain to such knowledge with all the efforts of my natural faculty of reason. It signifies only a something that remains over when I have eliminated everything belonging to the world of sense from the actuating principles of my will, serving merely to keep in bounds the principle of motives taken from the field of sensibility; fixing its limits and showing that it does not contain all in all within itself, but that there is more beyond it; but this something more I know no further. Of pure reason which frames this ideal, there remains after the abstraction of all matter, i.e., knowledge of objects, nothing but the form, namely, the practical law of the universality of the maxims, and in conformity with this conception of reason in reference to a pure world of understanding as a possible efficient cause, that is a cause determining the will. There must here be a total absence of springs; unless this idea of an intelligible world is itself the spring, or that in which reason primarily takes an interest; but to make this intelligible is precisely the problem that we cannot solve.

Here now is the extreme limit of all moral inquiry, and it is of great importance to determine it even on this account, in order that reason may not on the one hand, to the prejudice of morals, seek about in the world of sense for the supreme motive and an interest comprehensible but empirical; and on the other hand, that it may not impotently flap its wings without being able to move in the (for it) empty space of transcendent concepts which we call the intelligible world, and so lose itself amidst chimeras. For the rest, the idea of a pure world of understanding as a system of all intelligences, and to which we ourselves as rational beings belong (although we are likewise on the other side members of the sensible world), this remains always a useful and legitimate idea for the purposes of rational belief, although all knowledge stops at its threshold, useful, namely, to produce in us a lively interest in the moral law by means of the noble ideal of a universal kingdom of ends in themselves (rational beings), to which we can belong as members then only when we carefully conduct ourselves according to the maxims of freedom as if they were laws of nature.

### Concluding Remark

The speculative employment of reason with respect to nature leads to the absolute necessity of some supreme cause of the world: the practical employment of reason with a view to freedom leads also to absolute necessity, but only of the laws of the actions of a rational being as such. Now it is an essential principle of reason, however employed, to push its knowledge to a consciousness of its necessity (without which it would not be rational knowledge). It is, however, an equally essential restriction of the same reason that it can neither discern the necessity of what is or what happens, nor of what ought to happen, unless a condition is supposed on which it is or happens or ought to happen. In this way, however, by the constant inquiry for the condition, the satisfaction of reason is only further and further postponed. Hence it unceasingly seeks the unconditionally necessary and finds itself forced to assume it, although without any means of making it comprehensible to itself, happy enough if only it can discover a conception which agrees with this assumption. It is therefore no fault in our deduction of the supreme principle of morality, but an objection that should be made to human reason in general, that it cannot enable us to conceive the absolute necessity of an unconditional practical law (such as the categorical imperative must be). It cannot be blamed for refusing to explain this necessity by a condition, that is to say, by means of some interest assumed as a basis, since the law would then cease to be a supreme law of reason. And thus while we do not comprehend the practical unconditional necessity of the moral imperative, we yet comprehend its incomprehensibility, and this is all that can be fairly demanded of a philosophy which strives to carry its principles up to the very limit of human reason.

*THE END*

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# 22. Friedrich Nietzsche: Beyond Good and Evil

## The Reading Selection from *Beyond Good and Evil*

### [Origin of Aristocracy]

257. Every elevation of the type “man,” has hitherto been the work of an aristocratic society and so it will always be—a society believing in a long scale of gradations of rank and differences of worth among human beings, and requiring slavery in some form or other. Without the *pathos of distance*, such as grows out of the incarnated difference of classes, out of the constant out-looking and down-looking of the ruling caste on subordinates and instruments, and out of their equally constant practice of obeying and commanding, of keeping down and keeping at a distance—that other more mysterious pathos could never have arisen, the longing for an ever new widening of distance within the soul itself, the formation of ever higher, rarer, further, more extended, more comprehensive states, in short, just the elevation of the type “man,” the continued “self-surmounting of man,” to use a moral formula in a supermoral sense.

To be sure, one must not resign oneself to any humanitarian illusions about the history of the origin of an aristocratic society (that is to say, of the preliminary condition for the elevation of the type “man”): the truth is hard. Let us acknowledge unprejudicedly how every higher civilization hitherto has *originated!* Men with a still natural nature, barbarians in every terrible sense of the word,

men of prey, still in possession of unbroken strength of will and desire for power, threw themselves upon weaker, more moral, more peaceful races (perhaps trading or cattle-rearing communities), or upon old mellow civilizations in which the final vital force was flickering out in brilliant fireworks of wit and depravity. At the commencement, the noble caste was always the barbarian caste: their superiority did not consist first of all in their physical, but in their psychical power—they were more *complete* men (which at every point also implies the same as “more complete beasts”).

## [Higher Class of Being]

258. Corruption—as the indication that anarchy threatens to break out among the instincts, and that the foundation of the emotions, called “life,” is convulsed—is something radically different according to the organization in which it manifests itself. When, for instance, an aristocracy like that of France at the beginning of the Revolution, flung away its privileges with sublime disgust and sacrificed itself to an excess of its moral sentiments, it was corruption:—it was really only the closing act of the corruption which had existed for centuries, by virtue of which that aristocracy had abdicated step by step its lordly prerogatives and lowered itself to a *function* of royalty (in the end even to its decoration and parade-dress). The essential thing, however, in a good and healthy aristocracy is that it should not regard itself as a function either of the kingship or the commonwealth, but as the *significance* highest justification thereof—that it should therefore accept with a good conscience the sacrifice of a legion of individuals, who, *for its sake*, must be suppressed and reduced to imperfect men, to slaves and instruments. Its fundamental belief must be precisely that society is *not* allowed to exist for its own sake, but only as a foundation and scaffolding, by means of which a select class of beings may be able to elevate themselves to their higher duties, and in general

to a higher existence: like those sun-seeking climbing plants in Java—they are called Sipo Matador,—which encircle an oak so long and so often with their arms, until at last, high above it, but supported by it, they can unfold their tops in the open light, and exhibit their happiness.

## [Life Denial]

259. To refrain mutually from injury, from violence, from exploitation, and put one's will on a par with that of others: this may result in a certain rough sense in good conduct among individuals when the necessary conditions are given (namely, the actual similarity of the individuals in amount of force and degree of worth, and their co-relation within one organization). As soon, however, as one wished to take this principle more generally, and if possible even as the *fundamental principle of society*, it would immediately disclose what it really is—namely, a Will to the *denial* of life, a principle of dissolution and decay.

Here one must think profoundly to the very basis and resist all sentimental weakness: life itself is *essentially* appropriation, injury, conquest of the strange and weak, suppression, severity, obtrusion of peculiar forms, incorporation, and at the least, putting it mildest, exploitation;—but why should one for ever use precisely these words on which for ages a disparaging purpose has been stamped?

Even the organization within which, as was previously supposed, the individuals treat each other as equal—it takes place in every healthy aristocracy—must itself, if it be a living and not a dying organization, do all that towards other bodies, which the individuals within it refrain from doing to each other it will have to be the incarnated Will to Power, it will endeavour to grow, to gain ground, attract to itself and acquire ascendancy—not owing to any morality or immorality, but because it *lives*, and because life is precisely Will to Power. On no point, however, is the ordinary consciousness of

Europeans more unwilling to be corrected than on this matter, people now rave everywhere, even under the guise of science, about coming conditions of society in which “the exploiting character” is to be absent—that sounds to my ears as if they promised to invent a mode of life which should refrain from all organic functions.

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**From the reading...**

“The noble type of man regards *himself* as a determiner of values; he does not require to be approved of...he is a creator of values.”

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“Exploitation” does not belong to a depraved, or imperfect and primitive society it belongs to the nature of the living being as a primary organic function, it is a consequence of the intrinsic Will to Power, which is precisely the Will to Life—Granting that as a theory this is a novelty—as a reality it is the *fundamental fact* of all history let us be so far honest towards ourselves!

## [Master Morality]

260. In a tour through the many finer and coarser moralities which have hitherto prevailed or still prevail on the earth, I found certain traits recurring regularly together, and connected with one another, until finally two primary types revealed themselves to me, and a radical distinction was brought to light.

There is *master-morality* and *slave-morality*,—I would at once add, however, that in all higher and mixed civilizations, there are also attempts at the reconciliation of the two moralities, but one finds still oftener the confusion and mutual misunderstanding of them, indeed sometimes their close juxtaposition—even in the same man, within one soul. The distinctions of moral values have either originated in a ruling caste, pleasantly conscious of being different from the ruled—or among the ruled class, the slaves and dependents of all sorts.

In the first case, when it is the rulers who determine the conception “good,” it is the exalted, proud disposition which is regarded as the distinguishing feature, and that which determines the order of rank. The noble type of man separates from himself the beings in whom the opposite of this exalted, proud disposition displays itself he despises them. Let it at once be noted that in this first kind of morality the antithesis “good” and “bad” means practically the same as “noble” and “despicable”,—the antithesis “good” and “evil” is of a different origin. The cowardly, the timid, the insignificant, and those thinking merely of narrow utility are despised; moreover, also, the distrustful, with their constrained glances, the self-abasing, the dog-like kind of men who let themselves be abused, the mendicant flatterers, and above all the liars:—it is a fundamental belief of all aristocrats that the common people are untruthful. “We truthful ones”—the nobility in ancient Greece called themselves.

It is obvious that everywhere the designations of moral value were at first applied to *men*; and were only derivatively and at a later period applied to *actions*; it is a gross mistake, therefore, when historians of morals start with questions like, “Why have sympathetic actions been praised?” The noble type of man regards *himself* as a determiner of values; he does not require to be approved of; he passes the judgment: What is injurious to me is injurious in itself; he knows that it is he himself only who confers honour on things; he is a *creator of values*. He honours whatever he recognizes in himself: such morality equals self-glorification. In the foreground there is the feeling of plenitude, of power, which seeks to overflow, the happiness of high tension, the consciousness of a wealth which would fain give and bestow:—the noble man also helps the unfortunate, but not—or scarcely—out of pity, but rather from an impulse generated by the super-abundance of power. The noble man honours in himself the powerful one, him also who has power over himself, who knows how to speak and how to keep silence, who takes pleasure in subjecting himself to severity and hardness, and has reverence for all that is severe and hard. “Wotan placed a

hard heart in my breast,” says an old Scandinavian Saga: it is thus rightly expressed from the soul of a proud Viking. Such a type of man is even proud of not being made for sympathy; the hero of the Saga therefore adds warningly: “He who has not a hard heart when young, will never have one.” The noble and brave who think thus are the furthest removed from the morality which sees precisely in sympathy, or in acting for the good of others, or in *děintěressement*, the characteristic of the moral; faith in oneself, pride in oneself, a radical enmity and irony towards “selflessness,” belong as definitely to noble morality, as do a careless scorn and precaution in presence of sympathy and the “warm heart.”

It is the powerful who *know* how to honour, it is their art, their domain for invention. The profound reverence for age and for tradition—all law rests on this double reverence,— the belief and prejudice in favour of ancestors and unfavourable to newcomers, is typical in the morality of the powerful; and if, reversely, men of “modern ideas” believe almost instinctively in “progress” and the “future,” and are more and more lacking in respect for old age, the ignoble origin of these “ideas” has complacently betrayed itself thereby.

A morality of the ruling class, however, is more especially foreign and irritating to present-day taste in the sternness of its principle that one has duties only to one’s equals; that one may act towards beings of a lower rank, towards all that is foreign, just as seems good to one, or “as the heart desires,” and in any case “beyond good and evil”: it is here that sympathy and similar sentiments can have a place. The ability and obligation to exercise prolonged gratitude and prolonged revenge—both only within the circle of equals,—artfulness in retaliation, *refinement* of the idea in friendship, a certain necessity to have enemies (as outlets for the emotions of envy, quarrelsomeness, arrogance—in fact, in order to be a good *friend*): all these are typical characteristics of the noble morality, which, as has been pointed out, is not the morality of “modern ideas,” and is therefore at present difficult to realize, and also to unearth and disclose.

## [Slave Morality]

It is otherwise with the second type of morality, *slave-morality*. Supposing that the abused, the oppressed, the suffering, the unemancipated, the weary, and those uncertain of themselves should moralize, what will be the common element in their moral estimates? Probably a pessimistic suspicion with regard to the entire situation of man will find expression, perhaps a condemnation of man, together with his situation. The slave has an unfavourable eye for the virtues of the powerful; he has a skepticism and distrust, a *refinement* of distrust of everything “good” that is there honoured—he would fain persuade himself that the very happiness there is not genuine. On the other hand, *those* qualities which serve to alleviate the existence of sufferers are brought into prominence and flooded with light; it is here that sympathy, the kind, helping hand, the warm heart, patience, diligence, humility, and friendliness attain to honour; for here these are the most useful qualities, and almost the only means of supporting the burden of existence. Slave-morality is essentially the morality of utility.

Here is the seat of the origin of the famous antithesis “good” and “evil”:—power and dangerousness are assumed to reside in the evil, a certain dreadfulness, subtlety, and strength, which do not admit of being despised. According to slave-morality, therefore, the “evil” man arouses fear; according to master-morality, it is precisely the “good” man who arouses fear and seeks to arouse it, while the bad man is regarded as the despicable being.

The contrast attains its maximum when, in accordance with the logical consequences of slave-morality, a shade of depreciation—it may be slight and well-intentioned—at last attaches itself to the “good” man of this morality; because, according to the servile mode of thought, the good man must in any case be the *safe* man: he is good-natured, easily deceived, perhaps a little stupid, *un bonhomme*. Everywhere that slave-morality gains the ascendancy,

language shows a tendency to approximate the significations of the words “good” and “stupid.”

## [Creation of Values]

A last fundamental difference: the desire for *freedom*, the instinct for happiness and the refinements of the feeling of liberty belong as necessarily to slave-morals and morality, as artifice and enthusiasm in reverence and devotion are the regular symptoms of an aristocratic mode of thinking and estimating.—Hence we can understand without further detail why love as a *passion*—it is our European specialty—must absolutely be of noble origin; as is well known, its invention is due to the Provençal poet-cavaliers, those brilliant, ingenious men of the “gai saber,” to whom Europe owes so much, and almost owes itself.

261. Vanity is one of the things which are perhaps most difficult for a noble man to understand: he will be tempted to deny it, where another kind of man thinks he sees it self-evidently. The problem for him is to represent to his mind beings who seek to arouse a good opinion of themselves which they themselves do not possess—and consequently also do not “deserve,”—and who yet *believe* in this good opinion afterwards. This seems to him on the one hand such bad taste and so self-disrespectful, and on the other hand so grotesquely unreasonable, that he would like to consider vanity an exception, and is doubtful about it in most cases when it is spoken of.

He will say, for instance: “I may be mistaken about my value, and on the other hand may nevertheless demand that my value should be acknowledged by others precisely as I rate it:—that, however, is not vanity (but self-conceit, or, in most cases, that which is called ‘humility,’ and also ‘modesty’).” Or he will even say: “For many reasons I can delight in the good opinion of others, perhaps because I love and honour them, and rejoice in all their joys, perhaps also

because their good opinion endorses and strengthens my belief in my own good opinion, perhaps because the good opinion of others, even in cases where I do not share it, is useful to me, or gives promise of usefulness:—all this, however, is not vanity.”

The man of noble character must first bring it home forcibly to his mind, especially with the aid of history, that, from time immemorial, in all social strata in any way dependent, the ordinary man *was* only that which he *passed for*:—not being at all accustomed to fix values, he did not assign even to himself any other value than that which his master assigned to him (it is the peculiar *right of masters* to create values).

It may be looked upon as the result of an extraordinary atavism, that the ordinary man, even at present, is still always *waiting* for an opinion about himself, and then instinctively submitting himself to it; yet by no means only to a “good” opinion, but also to a bad and unjust one (think, for instance, of the greater part of the self-appreciations and self-depreciations which believing women learn from their confessors, and which in general the believing Christian learns from his Church).

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**From the reading...**

“Everywhere slave-morality gains ascendancy, language shows a tendency to approximate the meanings of the words ‘good’ and ‘stupid.’”

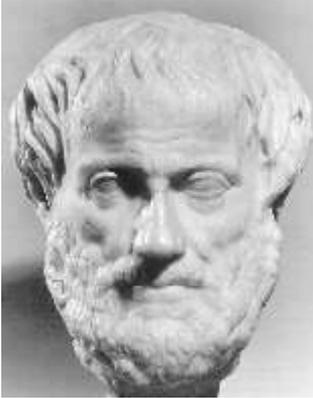
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In fact, conformably to the slow rise of the democratic social order (and its cause, the blending of the blood of masters and slaves), the originally noble and rare impulse of the masters to assign a value to themselves and to “think well” of themselves, will now be more and more encouraged and extended; but it has at all times an older, ampler, and more radically ingrained propensity opposed to it—and in the phenomenon of “vanity” this older propensity overmasters the younger. The vain person rejoices over *every* good opinion which he hears about himself (quite apart from the point of view of its usefulness, and equally regardless of its truth or falsehood), just as he suffers from every bad opinion: for he subjects himself to

both, he feels himself subjected to both, by that oldest instinct of subjection which breaks forth in him.

It is “the slave” in the vain man’s blood, the remains of the slave’s craftiness—and how much of the “slave” is still left in woman, for instance!—which seeks to *seduce* to good opinions of itself; it is the slave, too, who immediately afterwards falls prostrate himself before these opinions, as though he had not called them forth.—And to repeat it again: vanity is an atavism.

## 23. Aristotle



Born at Stagira in northern Greece, Aristotle was the most notable product of the educational program devised by [Plato](#); he spent twenty years of his life studying at the Academy. When Plato died, Aristotle returned to his native Macedonia, where he is supposed to have participated in the education of Philip's son, Alexander (the Great). He came back to Athens

with Alexander's approval in 335 and established his own school at the Lyceum, spending most of the rest of his life engaged there in research, teaching, and writing. His students acquired the name "peripatetics" from the master's habit of strolling about as he taught. Although the surviving works of Aristotle probably represent only a fragment of the whole, they include his investigations of an amazing range of subjects, from [logic](#), [philosophy](#), and [ethics](#) to physics, biology, psychology, [politics](#), and rhetoric. Aristotle appears to have thought through his views as he wrote, returning to significant issues at different stages of his own development. The result is less a consistent system of thought than a complex record of Aristotle's thinking about many significant issues.

The aim of Aristotle's logical treatises (known collectively as the ORGANON) was to develop [a universal method](#) of reasoning by means of which it would be possible to learn everything there is to know about reality. Thus, the [CATEGORIES](#) proposes a scheme for [the description of particular things](#) in terms of their properties, states, and activities. [ON INTERPRETATION](#), [PRIOR ANALYTICS](#), and [POSTERIOR ANALYTICS](#) examine the nature of

deductive inference, outlining [the system of syllogistic reasoning](#) from true propositions that later came to be known as [categorical logic](#). Though not strictly one of the logical works, the [PHYSICS](#) contributes to the universal method by [distinguishing among the four causes](#) which may be used to explain everything, with special concern for why things are the way they are and the [apparent role of chance](#) in the operation of the world. In other treatises, Aristotle applied this method, with its characteristic emphasis on teleological explanation, to astronomical and biological explorations of the natural world

In [Μεταφυσική \(METAPHYSICS\)](#) Aristotle tried to justify the entire enterprise by grounding it all in [an abstract study of being QUA being](#). Although Aristotle [rejected the Platonic theory of forms](#), he defended [his own vision of ultimate reality](#), including the eternal existence of [substance](#). [ON THE SOUL](#) uses the notion of [hylomorphic composite](#) to provide a detailed account of the [functions exhibited by living things](#)—vegetable, animal, and human—and explains the use of [sensation](#) and [reason](#) to [achieve genuine knowledge](#). That Aristotle was interested in more than a strictly scientific exploration of human nature is evident from the discussion of [literary art](#) (particularly tragedy) in [Περί Ποιητικής \(POETICS\)](#) and the methods of persuasion in the [Ῥητορικής \(Rhetoric\)](#).



Aristotle made several efforts to explain how moral conduct contributes to the good life for human agents, including the [Ἠθικὴ Εὐδαιμονίας \(EUDEMIAN ETHICS\)](#) and the [MAGNA MORALIA](#), but the most complete surviving statement of [his views on morality](#) occurs in the [Ἠθικὴ Νικομαχείου \(NICOMACHEAN ETHICS\)](#). There he considered the natural desire to

achieve [happiness](#), described the operation of [human volition](#) and [moral deliberation](#), developed a theory of each [virtue](#) as the [mean between vicious extremes](#), discussed the value of [three kinds of friendship](#), and defended his conception of [an ideal life](#) of intellectual pursuit.

But on Aristotle's view, the lives of individual human beings are invariably [linked together in a social context](#). In the [Περὶ Πολιτικῆς](#) (POLITICS) he speculated about [the origins of the state](#), described and assessed the relative merits of various types of government, and listed the obligations of the individual citizen. He may also have been the author of a model [Πολιτείας Ἀθηναίων](#) (CONSTITUTION OF ATHENS), in which the abstract notion of constitutional government is applied to the concrete life of a particular society.

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**Recommended Reading: Primary sources:**

- ARISTOTELIS OPERA, ed. by I. Bekker (Prussian Academy, 1831-70)
- THE COMPLETE WORKS OF ARISTOTLE, ed. by Jonathan Barnes. (Princeton, 1984)
  - vol. 1 [includes the logical works, PHYSICS, treatises on astronomy and animals, and OF THE SOUL]
  - vol. 2 [includes additional scientific treatises, METAPHYSICS, the works on ethics, POLITICS, RHETORIC, and POETICS.]
- BASIC WORKS OF ARISTOTLE, ed. by Richard McKeon (Random House, 1941)
- ARISTOTLE: INTRODUCTORY READINGS, tr. by Terence Irwin and Gail Fine (Hackett, 1996)
- NICHOMACHEAN ETHICS, tr. by Terence Irwin (Hackett, 1985)

**Secondary sources:**

- THE CAMBRIDGE COMPANION TO ARISTOTLE, ed. by Jonathan Barnes (Cambridge, 1995)
- ARISTOTLE THE PHILOSOPHER, ed. by J. L. Ackrill (Oxford, 1981)
- Henry Veatch, ARISTOTLE, A CONTEMPORARY APPRECIATION (Indiana, 1974)
- Jonathan Lear, ARISTOTLE: THE DESIRE TO UNDERSTAND (Cambridge, 1998)
- FEMINIST INTERPRETATIONS OF ARISTOTLE, ed. by Cynthia A. Freeland (Penn. State, 1998)
- Kenneth McLeish, ARISTOTLE (Routledge, 1999)
- Joseph Owens, DOCTRINE OF BEING IN THE ARISTOTELIAN METAPHYSICS (Pontifical Institute, 1978)
- ARISTOTLE'S METAPHYSICS BOOK LAMBDA, ed. by Michael Frede and David Charles (Oxford, 2000)
- ESSAYS ON ARISTOTLE'S DE ANIMA, ed. by Martha Nussbaum and Amelie Rorty (Clarendon, 1996)
- Benjamin Morison, ON LOCATION: ARISTOTLE'S CONCEPT OF PLACE (Oxford, 2002)
- John M. Cooper, REASON AND EMOTION (Princeton, 1998)
- OXFORD STUDIES IN ANCIENT PHILOSOPHY: VOLUME XX, ed. by David Sedley (Oxford, 2001)
- Sarah Broadie, ETHICS WITH ARISTOTLE (Oxford, 1995)
- Gerard J. Hughes, ROUTLEDGE PHILOSOPHY GUIDEBOOK TO ARISTOTLE ON ETHICS (Routledge, 2001)
- Nicholas White, INDIVIDUAL AND CONFLICT IN GREEK ETHICS (Oxford, 2002)
- ARISTOTLE'S ETHICS: CRITICAL ESSAYS, ed. by Nancy Sherman (Rowman & Littlefield, 1999)
- J. O. Urmson, ARISTOTLE'S ETHICS (Blackwell, 1988)
- Anthony Kenny, ARISTOTLE'S THEORY OF THE WILL (Yale, 1979)
- Fred D. Miller, Jr., NATURE, JUSTICE, AND RIGHTS IN ARISTOTLE'S POLITICS (Oxford, 1997)
- Martha Husain, ONTOLOGY AND THE ART OF TRAGEDY: AN APPROACH TO ARISTOTLE'S POETICS (SUNY, 2002)

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**Additional on-line information about Aristotle includes:**

- a thorough article in [\\* The Internet Encyclopedia of Philosophy](#).
  - William Turner's full treatment in [The Catholic Encyclopedia](#).
  - articles in *The Stanford Encyclopedia of Philosophy* on:
    - [Aristotle's rhetoric](#) by Christof Rapp.
    - [Aristotle's logic](#) by Robin Smith.
    - [the categories](#) by Paul Studtmann.
    - [Aristotle and mathematics](#) by Henry Mendell.
    - [Aristotle's biology](#) by James Lennox.
    - [Aristotle's natural philosophy](#) by Istvan Bodnar.
    - [Aristotle's metaphysics](#) by S. Marc Cohen.
    - [Aristotle's psychology](#) by Christopher Shields.
    - [Aristotle's ethics](#) by Richard Kraut.
    - [Aristotle's political theory](#) by Fred D. Miller, Jr.
  - The full article available at [Encyclopædia Britannica Online](#).
  - The thorough collection of resources at [EpistemeLinks.com](#).
  - [the excellent treatment](#) of virtue ethics from Lawrence Hinman.
  - Eric Weisstein's entry in [World of Scientific Biography](#).
  - Aristotle and the [morally excellent brain](#), from David DeMoss.
  - A paper on Aristotle's [treatment of homosexuality](#) by Guy Bouchard.
  - an article by [D. K. House](#) on whether Aristotle understood Plato.
  - [an account of Aristotle's contribution to mathematics](#) from Mathematical MacTutor.
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# 24. Aristotle: Nicomachean Ethics

## The Reading Selection from the *Nicomachean Ethics*

### Book I [The Good for Man]

#### 1 [All Activity Aims at Some Good]

Every art and every inquiry, and similarly every action and pursuit, is thought to aim at some good; and for this reason the good has rightly been declared to be that at which all things aim. But a certain difference is found among ends; some are activities, others are products apart from the activities that produce them. Where there are ends apart from the actions, it is the nature of the products to be better than the activities. Now, as there are many actions, arts, and sciences, their ends also are many; the end of the medical art is health, that of shipbuilding a vessel, that of strategy victory, that of economics wealth. But where such arts fall under a single capacity—as bridle-making and the other arts concerned with the equipment of horses fall under the art of riding, and this and every military action under strategy, in the same way other arts fall under yet others—in all of these the ends of the master arts are to be preferred to all the subordinate ends; for it is for the sake of the former that the latter are pursued. It makes no difference whether the activities themselves are the ends of the actions, or something

else apart from the activities, as in the case of the sciences just mentioned. ...

## 2 [The Good for Man]

If, then, there is some end of the things we do, which we desire for its own sake (everything else being desired for the sake of this), and if we do not choose everything for the sake of something else (for at that rate the process would go on to infinity, so that our desire would be empty and vain), clearly this must be the good and the chief good. Will not the knowledge of it, then, have a great influence on life? Shall we not, like archers who have a mark to aim at, be more likely to hit upon what is right? If so, we must try, in outline at least to determine what it is. ...

## 5 [Popular Notions of Happiness]

Let us resume our inquiry and state, in view of the fact that all knowledge and every pursuit aims at some good...what is the highest of all goods achievable by action. Verbally there is very general agreement; for both the general run of men and people of superior refinement say that it is happiness, and identifying living well and doing well with being happy; but with regard to what happiness is they differ, and the many do not give the same account as the wise. For the former think it is some plain and obvious thing, like pleasure, wealth, or honour; they differ, however, from one another—and often even the same man identifies it with different things, with health when he is ill, with wealth when he is poor; but, conscious of their ignorance, they admire those who proclaim some great ideal that is above their comprehension. Now some thought

that apart from these many goods there is another which is self-subsistent and causes the goodness of all these as well. ...

## 7 [Definition of Happiness]

Let us again return to the good we are seeking, and ask what it can be. It seems different in different actions and arts; it is different in medicine, in strategy, and in the other arts likewise. What then is the good of each? Surely that for whose sake everything else is done. In medicine this is health, in strategy victory, in architecture a house, in any other sphere something else, and in every action and pursuit the end; for it is for the sake of this that all men do whatever else they do. Therefore, if there is an end for all that we do, this will be the good achievable by action, and if there are more than one, these will be the goods achievable by action.

So the argument has by a different course reached the same point; but we must try to state this even more clearly. Since there are evidently more than one end, and we choose some of these (*e.g.*, wealth, flutes, and in general instruments) for the sake of something else, clearly not all ends are final ends; but the chief good is evidently something final. Therefore, if there is only one final end, this will be what we are seeking, and if there are more than one, the most final of these will be what we are seeking. Now we call that which is in itself worthy of pursuit more final than that which is worthy of pursuit for the sake of something else, and that which is never desirable for the sake of something else more final than the things that are desirable both in themselves and for the sake of that other thing, and therefore we call final without qualification that which is always desirable in itself and never for the sake of something else.

Now such a thing happiness, above all else, is held to be; for this we choose always for itself and never for the sake of something else, but honour, pleasure, reason, and every virtue we choose indeed for

themselves (for if nothing resulted from them we should still choose each of them), but we choose them also for the sake of happiness, judging that by means of them we shall be happy. Happiness, on the other hand, no one chooses for the sake of these, nor, in general, for anything other than itself.

From the point of view of self-sufficiency the same result seems to follow; for the final good is thought to be self-sufficient. Now by self-sufficient we do not mean that which is sufficient for a man by himself, for one who lives a solitary life, but also for parents, children, wife, and in general for his friends and fellow citizens, since man is born for citizenship. But some limit must be set to this; for if we extend our requirements to ancestors and descendants and friends' friends we are in for an infinite series...the self-sufficient we now define as that which when isolated makes life desirable and lacking in nothing; and such we think happiness to be; and further we think it most desirable of all things, without being counted as one good thing among others—if it were so counted it would clearly be made desirable by the addition of even the least of goods; for that which is added becomes an excess of goods, and of goods the greater is always more desirable. Happiness, then, is something final and self-sufficient, and is the end of action.

...[H]uman good turns out to be activity of soul in accordance with virtue, and if there are more than one virtue, in accordance with the best and most complete.

But we must add “in a complete life.” For one swallow does not make a summer, nor does one day; and so too one day, or a short time, does not make a man blessed and happy.

### 13 [Kinds of Virtue]

Since happiness is an activity of soul in accordance with perfect virtue, we must consider the nature of virtue, for perhaps we shall thus see better the nature of happiness. ...

Virtue too is distinguished into kinds in accordance with this difference; for we say that some of the virtues are intellectual and others moral, philosophic wisdom and understanding and practical wisdom being intellectual, liberality and temperance moral. For in speaking about a man's character we do not say that he is wise or has understanding but that he is good-tempered or temperate; yet we praise the wise man also with respect to his state of mind; and of states of mind we call those which merit praise virtues. ...

## Book II [Moral Virtue]

### 1 [How Moral Virtue is Acquired]

Virtue, then, being of two kinds, intellectual and moral, intellectual virtue in the main owes both its birth and its growth to teaching (for which reason it requires experience and time), while moral virtue comes about as a result of habit, whence also its name *ethike* is one that is formed by a slight variation from the word *ethos* (habit). From this it is also plain that none of the moral virtues arises in us by nature; for nothing that exists by nature can form a habit contrary to its nature. For instance the stone which by nature moves downwards cannot be habituated to move upwards, not even if one tries to train it by throwing it up ten thousand times; nor can fire be habituated to move downwards, nor can anything else that by nature behaves in one way be trained to behave in another. Neither by nature, then, nor contrary to nature do the virtues arise in us; rather we are adapted by nature to receive them, and are made perfect by habit.

Again, of all the things that come to us by nature we first acquire the potentiality and later exhibit the activity (this is plain in the case of the senses; for it was not by often seeing or often hearing that we got these senses, but on the contrary we had them before we used

them. and did not come to have them by using them); but the virtues we get by first exercising them, as also happens in the case of the arts as well. For the things we have to learn before we can do them, we learn by doing them, *e.g.*, men become builders by building and lyre-players by playing the lyre; so too we become just by doing just acts, temperate by doing temperate acts, brave by doing brave acts.

...

Again, it is from the same causes and by the same means that every virtue is both produced and destroyed, and similarly every art; for it is from playing the lyre that both good and bad lyre-players are produced. And the corresponding statement is true of builders and of all the rest; men will be good or bad builders as a result of building well or badly. For if this were not so, there would have been no need of a teacher, but all men would have been born good or bad at their craft. This, then, is the case with the virtues also; by doing the acts that we do in our transactions with other men we become just or unjust, and by doing the acts that we do in the presence of danger, and being habituated to feel fear or confidence, we become brave or cowardly. The same is true of appetites and feelings of anger; some men become temperate and good tempered, others self-indulgent and irascible, by behaving in one way or the other in the appropriate circumstances. Thus, in one word, states of character arise out of like activities. This is why the activities we exhibit must be of a certain kind; it is because the states of character correspond to the differences between these. It makes no small difference, then, whether we form habits of one kind or of another from our very youth; it makes a very great difference, or rather all the difference.

...

## 5 [Moral Virtue Is Character]

Next we must consider what virtue is. Since things that are found in the soul are of three kinds—passions, faculties, states of

character–virtue must be one of these. By passions I mean appetite, anger, fear, confidence, envy, joy, friendly feeling, hatred, longing, emulation, pity, and in general the feelings that are accompanied by pleasure or pain; by faculties the things in virtue of which we are said to be capable of feeling these, *e.g.*, of becoming angry or being pained or feeling pity; by states of character the things in virtue of which we stand well or badly with reference to the passions, *e.g.*, with reference to anger we stand badly if we feel it violently or too weakly, and well if we feel it moderately, and similarly with reference to the other passions.

Now neither the virtues nor the vices are passions, because we are not called good or bad on the ground of our passions, but are so called on the ground of our virtues and our vices, and because we are neither praised nor blamed for our passions (for the man who feels fear or anger is not praised, nor is the man who simply feels anger blamed, but the man who feels it in a certain way), but for our virtues and our vices we are praised or blamed.

Again, we feel anger and fear without choice, but the virtues are modes of choice or involve choice. Further, in respect of the passions we are said to be moved, but in respect of the virtues and the vices we are said not to be moved but to be disposed in a particular way.

For these reasons also they are not faculties; for we are neither called good nor bad, nor praised nor blamed, for the simple capacity of feeling the passions; again, we have the faculties of nature, but we are not made good or bad by nature; we have spoken of this before. If, then, the virtues are neither passions nor faculties, all that remains is that they should be states of character.

Thus we have stated what virtue is in respect of its genus.

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**From the reading...**

“The life of money-making is one under taken under compulsion, and wealth is evidently not the good we are seeking; for it is merely useful for the sake of something else.”

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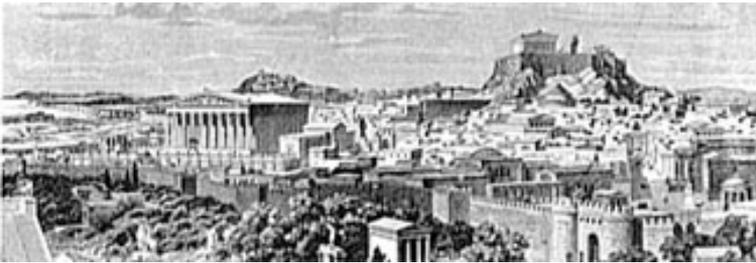
## 6 [Disposition to Choose the Mean]

We must, however, not only describe virtue as a state of character, but also say what sort of state it is. We may remark, then, that every virtue or excellence both brings into good condition the thing of which it is the excellence and makes the work of that thing be done well; *e.g.*, the excellence of the eye makes both the eye and its work good; for it is by the excellence of the eye that we see well. Similarly the excellence of the horse makes a horse both good in itself and good at running and at carrying its rider and at awaiting the attack of the enemy. Therefore, if this is true in every case, the virtue of man also will be the state of character which makes a man good and which makes him do his own work well.

How this is to happen...will be made plain...by the following consideration of the specific nature of virtue. In everything that is continuous and divisible it is possible to take more, less, or an equal amount, and that either in terms of the thing itself or relatively to us; and the equal is an intermediate between excess and defect. By the intermediate in the object I mean that which is equidistant from each of the extremes, which is one and the same for all men; by the intermediate relatively to us that which is neither too much nor too little—and this is not one, nor the same for all. For instance, if ten is many and two is few, six is the intermediate, taken in terms of the object; for it exceeds and is exceeded by an equal amount; this is intermediate according to arithmetical proportion. But the intermediate relatively to us is not to be taken so; if ten pounds are too much for a particular person to eat and two too little, it does not follow that the trainer will order six pounds; for this also is perhaps too much for the person who is to take it, or too little.... Thus a master of any art avoids excess and defect, but seeks the intermediate and chooses this—the intermediate not in the object but relatively to us.

If it is thus, then, that every art does its work well—by looking to the intermediate and judging its works by this standard (so that we

often say of good works of art that it is not possible either to take away or to add anything, implying that excess and defect destroy the goodness of works of art, while the mean preserves it; and good artists, as we say, look to this in their work), and if, further, virtue is more exact and better than any art, as nature also is, then virtue must have the quality of aiming at the intermediate. I mean moral virtue; for it is this that is concerned with passions and actions, and in these there is excess, defect, and the intermediate. For instance, both fear and confidence and appetite and anger and pity and in general pleasure and pain may be felt both too much and too little, and in both cases not well; but to feel them at the right times, with reference to the right objects, towards the right people, with the right motive, and in the right way, is what is both intermediate and best, and this is characteristic of virtue. Similarly with regard to actions also there is excess, defect, and the intermediate. Now virtue is concerned with passions and actions, in which excess is a form of failure, and so is defect, while the intermediate is praised and is a form of success; and being praised and being successful are both characteristics of virtue. Therefore virtue is a kind of mean, since, as we have seen, it aims at what is intermediate.



Athens, Greece, 400 BC, Book illustration by Theodor Horydazak, Library of Congress

Virtue, then, is a state of character concerned with choice, lying in a mean, i.e., the mean relative to us, this being determined by a rational principle, and by that principle by which the man of practical wisdom would determine it. Now it is a mean between

two vices, that which depends on excess and that which depends on defect; and again it is a mean because the vices respectively fall short of or exceed what is right in both passions and actions, while virtue both finds and chooses that which is intermediate. Hence in respect of its substance and the definition which states its essence virtue is a mean, with regard to what is best and right and extreme.

But not every action nor every passion admits of a mean; for some have names that already imply badness, *e.g.*, spite, shamelessness, envy, and in the case of actions adultery, theft, murder; for all of these and suchlike things imply by their names that they are themselves bad, and not the excesses or deficiencies of them. It is not possible, then, ever to be right with regard to them; one must always be wrong. Nor does goodness or badness with regard to such things depend on committing adultery with the right woman, at the right time, and in the right way, but simply to do any of them is to go wrong. It would be equally absurd, then, to expect that in unjust, cowardly, and voluptuous action there should be a mean, an excess, and a deficiency; for at that rate there would be a mean of excess and of deficiency, an excess of excess, and a deficiency of deficiency. But as there is no excess and deficiency of temperance and courage because what is intermediate is in a sense an extreme, so too of the actions we have mentioned there is no mean nor any excess and deficiency, but however they are done they are wrong; for in general there is neither a mean of excess and deficiency, nor excess and deficiency of a mean.

## 7 [The Mean Illustrated]

We must, however, not only make this general statement, but also apply it to the individual facts. For among statements about conduct those which are general apply more widely, but those which are particular are more genuine, since conduct has to do with individual cases, and our statements must harmonize with the facts in these

cases. We may take these cases from our table. With regard to feelings of fear and confidence courage is the mean, of the people who exceed, he who exceeds in fearlessness has no name (many of the states have no name), while the man who exceeds in confidence is rash, and he who exceeds in fear and falls short in confidence is a coward. With regard to pleasures and pains—not all of them, and not so much with regard to the pains—the mean is temperance, the excess self-indulgence. Persons deficient with regard to the pleasures are not often found; hence such persons also have received no name. But let us call them “insensible.”

With regard to giving and taking of money the mean is liberality, the excess and the defect prodigality and meanness. In these actions people exceed and fall short in contrary ways; the prodigal exceeds in spending and falls short in taking, while the mean man exceeds in taking and falls short in spending... With regard to money there are also other dispositions—a mean, magnificence (for the magnificent man differs from the liberal man; the former deals with large sums, the latter with small ones), and excess, tastelessness and vulgarity, and a deficiency... With regard to honour and dishonour the mean is proper pride, the excess is known as a sort of “empty vanity,” and the deficiency is undue humility; and as we said liberality was related to magnificence, differing from it by dealing with small sums, so there is a state similarly related to proper pride, being concerned with small honours while that is concerned with great. For it is possible to desire honour as one ought, and more than one ought, and less, and the man who exceeds in his desires is called ambitious, the man who falls short unambitious, while the intermediate person has no name. The dispositions also are nameless, except that that of the ambitious man is called ambition. Hence the people who are at the extremes lay claim to the middle place; and we ourselves sometimes call the intermediate person ambitious and sometimes unambitious, and sometimes praise the ambitious man and sometimes the unambitious. ...

With regard to anger also there is an excess, a deficiency, and

a mean. Although they can scarcely be said to have names, yet since we call the intermediate person good-tempered let us call the mean good temper; of the persons at the extremes let the one who exceeds be called irascible, and his vice irascibility, and the man who falls short an inirascible sort of person, and the deficiency inirascibility.

## Book X [Pleasure; Happiness]

### 6 [Happiness Is Not Amusement]

...what remains is to discuss in outline the nature of , since this is what we state the end of human nature to be. Our discussion will be the more concise if we first sum up what we have said already. We said, then, that it is not a disposition; for if it were it might belong to some one who was asleep throughout his life, living the life of a plant, or, again, to some one who was suffering the greatest misfortunes. If these implications are unacceptable, and we must rather class happiness as an activity, as we have said before, and if some activities are necessary, and desirable for the sake of something else, while others are so in themselves, evidently happiness must be placed among those desirable in themselves, not among those desirable for the sake of something else; for happiness does not lack anything, but is self-sufficient. Now those activities are desirable in themselves from which nothing is sought beyond the activity. And of this nature virtuous actions are thought to be; for to do noble and good deeds is a thing desirable for its own sake.

Pleasant amusements also are thought to be of this nature; we choose them not for the sake of other things; for we are injured rather than benefited by them, since we are led to neglect our bodies and our property. ...Happiness, therefore, does not lie in amusement; it would, indeed, be strange if the end were

amusement, and one were to take trouble and suffer hardship all one's life in order to amuse oneself. For, in a word, everything that we choose we choose for the sake of something else—except happiness, which is an end. Now to exert oneself and work for the sake of amusement seems silly and utterly childish. But to amuse oneself in order that one may exert oneself, as Anacharsis puts it, seems right; for amusement is a sort of relaxation, and we need relaxation because we cannot work continuously. Relaxation, then, is not an end; for it is taken for the sake of activity.

The happy life is thought to be virtuous; now a virtuous life requires exertion, and does not consist in amusement. And we say that serious things are better than laughable things and those connected with amusement, and that the activity of the better of any two things—whether it be two elements of our being or two men—is the more serious; but the activity of the better is *ipso facto* superior and more of the nature of happiness. And any chance person—even a slave—can enjoy the bodily pleasures no less than the best man; but no one assigns to a slave a share in happiness—unless he assigns to him also a share in human life. For happiness does not lie in such occupations, but, as we have said before, in virtuous activities.

## 7 [Happiness Is the Contemplative Life]

If happiness is activity in accordance with virtue, it is reasonable that it should be in accordance with the highest virtue; and this will be that of the best thing in us. Whether it be reason or something else that is this element which is thought to be our natural ruler and guide and to take thought of things noble and divine, whether it be itself also divine or only the most divine element in us, the activity of this in accordance with its proper virtue will be perfect happiness. That this activity is contemplative we have already said.

Now this would seem to be in agreement with what we said before

and with the truth. For, firstly, this activity is the best (since not only is reason the best thing in us, but the objects of reason are the best of knowable objects); and, secondly, it is the most continuous, since we can contemplate truth more continuously than we can do anything. And we think happiness has pleasure mingled with it, but the activity of philosophic wisdom is admittedly the pleasantest of virtuous activities; at all events the pursuit of it is thought to offer pleasures marvellous for their purity and their enduringness, and it is to be expected that those who know will pass their time more pleasantly than those who inquire. And the self-sufficiency that is spoken of must belong most to the contemplative activity. For while a philosopher, as well as a just man or one possessing any other virtue, needs the necessities of life, when they are sufficiently equipped with things of that sort the just man needs people towards whom and with whom he shall act justly, and the temperate man, the brave man, and each of the others is in the same case, but the philosopher, even when by himself, can contemplate truth, and the better the wiser he is; he can perhaps do so better if he has fellow-workers, but still he is the most self-sufficient. And this activity alone would seem to be loved for its own sake; for nothing arises from it apart from the contemplating, while from practical activities we gain more or less apart from the action.

...And what we said before will apply now; that which is proper to each thing is by nature best and most pleasant for each thing; for man, therefore, the life according to reason is best and pleasantest, since reason more than anything else is man. This life therefore is also the happiest.

## 8 [The Contemplative Life]

But in a secondary degree the life in accordance with the other kind of virtue is happy; for the activities in accordance with this befit our human estate. Just and brave acts, and other virtuous acts, we

do in relation to each other, observing our respective duties with regard to contracts and services and all manner of actions and with regard to passions; and all of these seem to be typically human. Some of them seem even to arise from the body, and virtue of character to be in many ways bound up with the passions. Practical wisdom, too, is linked to virtue of character, and this to practical wisdom, since the principles of practical wisdom are in accordance with the moral virtues and rightness in morals is in accordance with practical wisdom. Being connected with the passions also, the moral virtues must belong to our composite nature; and the virtues of our composite nature are human, so, therefore, are the life and the happiness which correspond to these. The excellence of the reason is a thing apart, we must be content to say this much about it, for to describe it precisely is a task greater than our purpose requires. It would seem, however, also to need external equipment but little, or less than moral virtue does. Grant that both need the necessaries, and do so equally, even if the statesman's work is the more concerned with the body and things of that sort; for there will be little difference there; but in what they need for the exercise of their activities there will be much difference. The liberal man will need money for the doing of his liberal deeds, and the just man too will need it for the returning of services (for wishes are hard to discern, and even people who are not just pretend to wish to act justly); and the brave man will need power if he is to accomplish any of the acts that correspond to his virtue, and the temperate man will need opportunity; for how else is either he or any of the others to be recognized? It is debated, too, whether the will or the deed is more essential to virtue, which is assumed to involve both; it is surely clear that its perfection involves both; but for deeds many things are needed, and more, the greater and nobler the deeds are. But the man who is contemplating the truth needs no such thing, at least with a view to the exercise of his activity; indeed they are, one may say, even hindrances, at all events to his contemplation; but in so far as he is a man and lives with a number of people, he chooses to do virtuous acts; he will therefore need such aids to living a human life.

But, being a man, one will also need external prosperity; for our nature is not self-sufficient for the purpose of contemplation, but our body also must be healthy and must have food and other attention. Still, we must not think that the man who is to be happy will need many things or great things, merely because he cannot be supremely happy without external goods; for self-sufficiency and action do not involve excess, and we can do noble acts without ruling earth and sea; for even with moderate advantages one can act virtuously (this is manifest enough; for private persons are thought to do worthy acts no less than despots—indeed even more); and it is enough that we should have so much as that; for the life of the man who is active in accordance with virtue will be happy...

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**From the reading..**

” Happiness, therefore, does not lie in amusement; it would, indeed, be strange if the end were amusement, and one were to take trouble and suffer hardship all one’s life in order to amuse oneself.”

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## 25. Immanuel Kant

Immanuel Kant was born in the East Prussian city of Königsberg, studied at its university, and worked there as a tutor and professor for more than forty years, never travelling more than fifty miles from home. Although his outward life was one of legendary calm and regularity, Kant's intellectual work easily justified his own claim to have effected a Copernican revolution in philosophy. Beginning with his Inaugural Dissertation (1770) on the difference between right- and left-handed spatial orientations, Kant patiently worked out the most comprehensive and influential philosophical programme of the modern era. His central thesis—that [the possibility of human knowledge presupposes the active participation of the human mind](#)—is deceptively simple, but the details of its application are notoriously complex.

The monumental [KRITIK DER REINEN VERNUNFT \(CRITIQUE OF PURE REASON\)](#) (1781, 1787) fully



spells out the conditions for mathematical, scientific, and metaphysical knowledge in its “Transcendental Aesthetic,” “Transcendental Analytic,” and “Transcendental Dialectic,” but Kant found it helpful to offer a less technical exposition of the same themes in the [PROLEGOMENA ZU EINER JEDEN KÜNFTIGEN](#)

[METAPHYSIK DIE ALS WISSENSCHAFT WIRD AUFTRETEN KÖNNEN \(PROLEGOMENA TO ANY FUTURE METAPHYSIC\)](#) (1783). Carefully distinguishing judgments as [analytic or synthetic](#) and as [A PRIORI or A POSTERIORI](#), Kant held that the most interesting and useful varieties of human knowledge rely upon [synthetic A](#)

PRIORI judgments, which are, in turn, possible only when the mind determines the conditions of its own experience. Thus, it is we who impose the forms of space and time upon all possible sensation in mathematics, and it is we who render all experience coherent as scientific knowledge governed by traditional notions of substance and causality by applying the pure concepts of the understanding to all possible experience. But regulative principles of this sort hold only for the world as we know it, and since metaphysical propositions seek a truth beyond all experience, they cannot be established within the bounds of reason.



Significant applications of these principles are expressed in Metaphysische Anfangsgründe der Naturwissenschaft (Metaphysical Foundations of the Science of Nature) (1786) and Beantwortung der Frage: Ist es eine Erfahrung, daß wir denken? (On Comprehension and Transcendental Consciousness) (1788-1791).

Kant's moral philosophy is developed in the GRUNDLEGUNG ZUR METAPHYSIK DER SITTEN (GROUNDING FOR THE METAPHYSICS OF MORALS) (1785). From his analysis of the operation of the human will, Kant derived the necessity of a perfectly universalizable moral law, expressed in a categorical imperative that must be regarded as binding upon every agent. In the Third Section of the GROUNDING and in the KRITIK DER PRACTISCHEN VERNUNFT (CRITIQUE OF PRACTICAL REASON) (1788), Kant grounded this conception of moral autonomy upon our postulation of god, freedom, and immortality.



In later life, Kant drew art and science together under [the concept of purpose](#) in the [KRITIK DER URTEILSKRAFT \(CRITIQUE OF JUDGMENT\)](#) (1790), considered the consequences of transcendental criticism for theology in [DIE RELIGION INNERHALB DIE GRENZEN DER BLOSSEN VERNUNFT \(RELIGION WITHIN THE LIMITS OF REASON ALONE\)](#) (1793), stated the fundamental principles for civil discourse in [BEANTWORTUNG DER FRAGE: WAS IST AUFKLÄRUNG?](#) (“WHAT IS ENLIGHTENMENT?”) (1784), and made an eloquent plea for [international cooperation](#) in [ZUM EWIGEN FRIEDEN \(PERPETUAL PEACE\)](#) (1795).



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**Additional on-line information about Kant includes:**

- Stephen Palmquist's comprehensive [\\* Kant on the Web](#) site.
  - The excellent [Kant Glossary](#) from Andrew Carpenter.
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# 26. Immanuel Kant: Fundamental Principles of the Metaphysics of Morals (Part I)

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## FUNDAMENTAL PRINCIPLES OF THE METAPHYSIC OF MORALS

by Immanuel Kant

translated by Thomas Kingsmill Abbott

### *PREFACE*

Ancient Greek philosophy was divided into three sciences: physics, ethics, and logic. This division is perfectly suitable to the nature of the thing; and the only improvement that can be made in it is to add the principle on which it is based, so that we may both satisfy ourselves of its completeness, and also be able to determine correctly the necessary subdivisions.

All rational knowledge is either material or formal: the former considers some object, the latter is concerned only with the form of the understanding and of the reason itself, and with the universal laws of thought in general without distinction of its objects. Formal philosophy is called logic. Material philosophy, however, which has to do with determinate objects and the laws to which they are subject, is again twofold; for these laws are either laws of nature or of freedom. The science of the former is physics, that of the latter, ethics; they are also called natural philosophy and moral philosophy respectively.

Logic cannot have any empirical part; that is, a part in which the universal and necessary laws of thought should rest on grounds taken from experience; otherwise it would not be logic, i.e., a canon

for the understanding or the reason, valid for all thought, and capable of demonstration. Natural and moral philosophy, on the contrary, can each have their empirical part, since the former has to determine the laws of nature as an object of experience; the latter the laws of the human will, so far as it is affected by nature: the former, however, being laws according to which everything does happen; the latter, laws according to which everything ought to happen. Ethics, however, must also consider the conditions under which what ought to happen frequently does not.

We may call all philosophy empirical, so far as it is based on grounds of experience: on the other hand, that which delivers its doctrines from a priori principles alone we may call pure philosophy. When the latter is merely formal it is logic; if it is restricted to definite objects of the understanding it is metaphysic.

In this way there arises the idea of a twofold metaphysic- a metaphysic of nature and a metaphysic of morals. Physics will thus have an empirical and also a rational part. It is the same with Ethics; but here the empirical part might have the special name of practical anthropology, the name morality being appropriated to the rational part.

All trades, arts, and handiworks have gained by division of labour, namely, when, instead of one man doing everything, each confines himself to a certain kind of work distinct from others in the treatment it requires, so as to be able to perform it with greater facility and in the greatest perfection. Where the different kinds of work are not distinguished and divided, where everyone is a jack-of-all-trades, there manufactures remain still in the greatest barbarism. It might deserve to be considered whether pure philosophy in all its parts does not require a man specially devoted to it, and whether it would not be better for the whole business of science if those who, to please the tastes of the public, are wont to blend the rational and empirical elements together, mixed in all sorts of proportions unknown to themselves, and who call themselves independent thinkers, giving the name of minute philosophers to those who apply themselves to the rational part

only- if these, I say, were warned not to carry on two employments together which differ widely in the treatment they demand, for each of which perhaps a special talent is required, and the combination of which in one person only produces bunglers. But I only ask here whether the nature of science does not require that we should always carefully separate the empirical from the rational part, and prefix to Physics proper (or empirical physics) a metaphysic of nature, and to practical anthropology a metaphysic of morals, which must be carefully cleared of everything empirical, so that we may know how much can be accomplished by pure reason in both cases, and from what sources it draws this its a priori teaching, and that whether the latter inquiry is conducted by all moralists (whose name is legion), or only by some who feel a calling thereto.

As my concern here is with moral philosophy, I limit the question suggested to this: Whether it is not of the utmost necessity to construct a pure thing which is only empirical and which belongs to anthropology? for that such a philosophy must be possible is evident from the common idea of duty and of the moral laws. Everyone must admit that if a law is to have moral force, i.e., to be the basis of an obligation, it must carry with it absolute necessity; that, for example, the precept, "Thou shalt not lie," is not valid for men alone, as if other rational beings had no need to observe it; and so with all the other moral laws properly so called; that, therefore, the basis of obligation must not be sought in the nature of man, or in the circumstances in the world in which he is placed, but a priori simply in the conception of pure reason; and although any other precept which is founded on principles of mere experience may be in certain respects universal, yet in as far as it rests even in the least degree on an empirical basis, perhaps only as to a motive, such a precept, while it may be a practical rule, can never be called a moral law.

Thus not only are moral laws with their principles essentially distinguished from every other kind of practical knowledge in which there is anything empirical, but all moral philosophy rests wholly on its pure part. When applied to man, it does not borrow the least thing from the knowledge of man himself (anthropology), but gives

laws a priori to him as a rational being. No doubt these laws require a judgement sharpened by experience, in order on the one hand to distinguish in what cases they are applicable, and on the other to procure for them access to the will of the man and effectual influence on conduct; since man is acted on by so many inclinations that, though capable of the idea of a practical pure reason, he is not so easily able to make it effective in concreto in his life.

A metaphysic of morals is therefore indispensably necessary, not merely for speculative reasons, in order to investigate the sources of the practical principles which are to be found a priori in our reason, but also because morals themselves are liable to all sorts of corruption, as long as we are without that clue and supreme canon by which to estimate them correctly. For in order that an action should be morally good, it is not enough that it conform to the moral law, but it must also be done for the sake of the law, otherwise that conformity is only very contingent and uncertain; since a principle which is not moral, although it may now and then produce actions conformable to the law, will also often produce actions which contradict it. Now it is only in a pure philosophy that we can look for the moral law in its purity and genuineness (and, in a practical matter, this is of the utmost consequence): we must, therefore, begin with pure philosophy (metaphysic), and without it there cannot be any moral philosophy at all. That which mingles these pure principles with the empirical does not deserve the name of philosophy (for what distinguishes philosophy from common rational knowledge is that it treats in separate sciences what the latter only comprehends confusedly); much less does it deserve that of moral philosophy, since by this confusion it even spoils the purity of morals themselves, and counteracts its own end.

Let it not be thought, however, that what is here demanded is already extant in the propaedeutic prefixed by the celebrated Wolf to his moral philosophy, namely, his so-called general practical philosophy, and that, therefore, we have not to strike into an entirely new field. Just because it was to be a general practical philosophy, it has not taken into consideration a will of any

particular kind- say one which should be determined solely from a priori principles without any empirical motives, and which we might call a pure will, but volition in general, with all the actions and conditions which belong to it in this general signification. By this it is distinguished from a metaphysic of morals, just as general logic, which treats of the acts and canons of thought in general, is distinguished from transcendental philosophy, which treats of the particular acts and canons of pure thought, i.e., that whose cognitions are altogether a priori. For the metaphysic of morals has to examine the idea and the principles of a possible pure will, and not the acts and conditions of human volition generally, which for the most part are drawn from psychology. It is true that moral laws and duty are spoken of in the general moral philosophy (contrary indeed to all fitness). But this is no objection, for in this respect also the authors of that science remain true to their idea of it; they do not distinguish the motives which are prescribed as such by reason alone altogether a priori, and which are properly moral, from the empirical motives which the understanding raises to general conceptions merely by comparison of experiences; but, without noticing the difference of their sources, and looking on them all as homogeneous, they consider only their greater or less amount. It is in this way they frame their notion of obligation, which, though anything but moral, is all that can be attained in a philosophy which passes no judgement at all on the origin of all possible practical concepts, whether they are a priori, or only a posteriori.

Intending to publish hereafter a metaphysic of morals, I issue in the first instance these fundamental principles. Indeed there is properly no other foundation for it than the critical examination of a pure practical reason; just as that of metaphysics is the critical examination of the pure speculative reason, already published. But in the first place the former is not so absolutely necessary as the latter, because in moral concerns human reason can easily be brought to a high degree of correctness and completeness, even in the commonest understanding, while on the contrary in its theoretic but pure use it is wholly dialectical; and in the second

place if the critique of a pure practical Reason is to be complete, it must be possible at the same time to show its identity with the speculative reason in a common principle, for it can ultimately be only one and the same reason which has to be distinguished merely in its application. I could not, however, bring it to such completeness here, without introducing considerations of a wholly different kind, which would be perplexing to the reader. On this account I have adopted the title of Fundamental Principles of the Metaphysic of Morals instead of that of a Critical Examination of the pure practical reason.

But in the third place, since a metaphysic of morals, in spite of the discouraging title, is yet capable of being presented in popular form, and one adapted to the common understanding, I find it useful to separate from it this preliminary treatise on its fundamental principles, in order that I may not hereafter have need to introduce these necessarily subtle discussions into a book of a more simple character.

The present treatise is, however, nothing more than the investigation and establishment of the supreme principle of morality, and this alone constitutes a study complete in itself and one which ought to be kept apart from every other moral investigation. No doubt my conclusions on this weighty question, which has hitherto been very unsatisfactorily examined, would receive much light from the application of the same principle to the whole system, and would be greatly confirmed by the adequacy which it exhibits throughout; but I must forego this advantage, which indeed would be after all more gratifying than useful, since the easy applicability of a principle and its apparent adequacy give no very certain proof of its soundness, but rather inspire a certain partiality, which prevents us from examining and estimating it strictly in itself and without regard to consequences.

I have adopted in this work the method which I think most suitable, proceeding analytically from common knowledge to the determination of its ultimate principle, and again descending synthetically from the examination of this principle and its sources

to the common knowledge in which we find it employed. The division will, therefore, be as follows:

1 FIRST SECTION. Transition from the common rational knowledge of morality to the philosophical.

2 SECOND SECTION. Transition from popular moral philosophy to the metaphysic of morals.

3 THIRD SECTION. Final step from the metaphysic of morals to the critique of the pure practical reason.

SEC\_I

FIRST SECTION

## TRANSITION FROM THE COMMON RATIONAL KNOWLEDGE

OF MORALITY TO THE PHILOSOPHICAL

Nothing can possibly be conceived in the world, or even out of it, which can be called good, without qualification, except a good will. Intelligence, wit, judgement, and the other talents of the mind, however they may be named, or courage, resolution, perseverance, as qualities of temperament, are undoubtedly good and desirable in many respects; but these gifts of nature may also become extremely bad and mischievous if the will which is to make use of them, and which, therefore, constitutes what is called character, is not good. It is the same with the gifts of fortune. Power, riches, honour, even health, and the general well-being and contentment with one's condition which is called happiness, inspire pride, and often presumption, if there is not a good will to correct the influence of these on the mind, and with this also to rectify the whole principle

of acting and adapt it to its end. The sight of a being who is not adorned with a single feature of a pure and good will, enjoying unbroken prosperity, can never give pleasure to an impartial rational spectator. Thus a good will appears to constitute the indispensable condition even of being worthy of happiness.

There are even some qualities which are of service to this good will itself and may facilitate its action, yet which have no intrinsic unconditional value, but always presuppose a good will, and this qualifies the esteem that we justly have for them and does not permit us to regard them as absolutely good. Moderation in the affections and passions, self-control, and calm deliberation are not only good in many respects, but even seem to constitute part of the intrinsic worth of the person; but they are far from deserving to be called good without qualification, although they have been so unconditionally praised by the ancients. For without the principles of a good will, they may become extremely bad, and the coolness of a villain not only makes him far more dangerous, but also directly makes him more abominable in our eyes than he would have been without it.

A good will is good not because of what it performs or effects, not by its aptness for the attainment of some proposed end, but simply by virtue of the volition; that is, it is good in itself, and considered by itself is to be esteemed much higher than all that can be brought about by it in favour of any inclination, nay even of the sum total of all inclinations. Even if it should happen that, owing to special disfavour of fortune, or the niggardly provision of a step-motherly nature, this will should wholly lack power to accomplish its purpose, if with its greatest efforts it should yet achieve nothing, and there should remain only the good will (not, to be sure, a mere wish, but the summoning of all means in our power), then, like a jewel, it would still shine by its own light, as a thing which has its whole value in itself. Its usefulness or fruitlessness can neither add nor take away anything from this value. It would be, as it were, only the setting to enable us to handle it the more conveniently in common commerce, or to attract to it the attention of those who are not yet

connoisseurs, but not to recommend it to true connoisseurs, or to determine its value.

There is, however, something so strange in this idea of the absolute value of the mere will, in which no account is taken of its utility, that notwithstanding the thorough assent of even common reason to the idea, yet a suspicion must arise that it may perhaps really be the product of mere high-flown fancy, and that we may have misunderstood the purpose of nature in assigning reason as the governor of our will. Therefore we will examine this idea from this point of view.

In the physical constitution of an organized being, that is, a being adapted suitably to the purposes of life, we assume it as a fundamental principle that no organ for any purpose will be found but what is also the fittest and best adapted for that purpose. Now in a being which has reason and a will, if the proper object of nature were its conservation, its welfare, in a word, its happiness, then nature would have hit upon a very bad arrangement in selecting the reason of the creature to carry out this purpose. For all the actions which the creature has to perform with a view to this purpose, and the whole rule of its conduct, would be far more surely prescribed to it by instinct, and that end would have been attained thereby much more certainly than it ever can be by reason. Should reason have been communicated to this favoured creature over and above, it must only have served it to contemplate the happy constitution of its nature, to admire it, to congratulate itself thereon, and to feel thankful for it to the beneficent cause, but not that it should subject its desires to that weak and delusive guidance and meddle bunglingly with the purpose of nature. In a word, nature would have taken care that reason should not break forth into practical exercise, nor have the presumption, with its weak insight, to think out for itself the plan of happiness, and of the means of attaining it. Nature would not only have taken on herself the choice of the ends, but also of the means, and with wise foresight would have entrusted both to instinct.

And, in fact, we find that the more a cultivated reason applies

itself with deliberate purpose to the enjoyment of life and happiness, so much the more does the man fail of true satisfaction. And from this circumstance there arises in many, if they are candid enough to confess it, a certain degree of misology, that is, hatred of reason, especially in the case of those who are most experienced in the use of it, because after calculating all the advantages they derive, I do not say from the invention of all the arts of common luxury, but even from the sciences (which seem to them to be after all only a luxury of the understanding), they find that they have, in fact, only brought more trouble on their shoulders, rather than gained in happiness; and they end by envying, rather than despising, the more common stamp of men who keep closer to the guidance of mere instinct and do not allow their reason much influence on their conduct. And this we must admit, that the judgement of those who would very much lower the lofty eulogies of the advantages which reason gives us in regard to the happiness and satisfaction of life, or who would even reduce them below zero, is by no means morose or ungrateful to the goodness with which the world is governed, but that there lies at the root of these judgements the idea that our existence has a different and far nobler end, for which, and not for happiness, reason is properly intended, and which must, therefore, be regarded as the supreme condition to which the private ends of man must, for the most part, be postponed.

For as reason is not competent to guide the will with certainty in regard to its objects and the satisfaction of all our wants (which it to some extent even multiplies), this being an end to which an implanted instinct would have led with much greater certainty; and since, nevertheless, reason is imparted to us as a practical faculty, i.e., as one which is to have influence on the will, therefore, admitting that nature generally in the distribution of her capacities has adapted the means to the end, its true destination must be to produce a will, not merely good as a means to something else, but good in itself, for which reason was absolutely necessary. This will then, though not indeed the sole and complete good, must be the supreme good and the condition of every other, even of the

desire of happiness. Under these circumstances, there is nothing inconsistent with the wisdom of nature in the fact that the cultivation of the reason, which is requisite for the first and unconditional purpose, does in many ways interfere, at least in this life, with the attainment of the second, which is always conditional, namely, happiness. Nay, it may even reduce it to nothing, without nature thereby failing of her purpose. For reason recognizes the establishment of a good will as its highest practical destination, and in attaining this purpose is capable only of a satisfaction of its own proper kind, namely that from the attainment of an end, which end again is determined by reason only, notwithstanding that this may involve many a disappointment to the ends of inclination.

We have then to develop the notion of a will which deserves to be highly esteemed for itself and is good without a view to anything further, a notion which exists already in the sound natural understanding, requiring rather to be cleared up than to be taught, and which in estimating the value of our actions always takes the first place and constitutes the condition of all the rest. In order to do this, we will take the notion of duty, which includes that of a good will, although implying certain subjective restrictions and hindrances. These, however, far from concealing it, or rendering it unrecognizable, rather bring it out by contrast and make it shine forth so much the brighter.

I omit here all actions which are already recognized as inconsistent with duty, although they may be useful for this or that purpose, for with these the question whether they are done from duty cannot arise at all, since they even conflict with it. I also set aside those actions which really conform to duty, but to which men have no direct inclination, performing them because they are impelled thereto by some other inclination. For in this case we can readily distinguish whether the action which agrees with duty is done from duty, or from a selfish view. It is much harder to make this distinction when the action accords with duty and the subject has besides a direct inclination to it. For example, it is always a matter of duty that a dealer should not over charge an

inexperienced purchaser; and wherever there is much commerce the prudent tradesman does not overcharge, but keeps a fixed price for everyone, so that a child buys of him as well as any other. Men are thus honestly served; but this is not enough to make us believe that the tradesman has so acted from duty and from principles of honesty: his own advantage required it; it is out of the question in this case to suppose that he might besides have a direct inclination in favour of the buyers, so that, as it were, from love he should give no advantage to one over another. Accordingly the action was done neither from duty nor from direct inclination, but merely with a selfish view.

On the other hand, it is a duty to maintain one's life; and, in addition, everyone has also a direct inclination to do so. But on this account the often anxious care which most men take for it has no intrinsic worth, and their maxim has no moral import. They preserve their life as duty requires, no doubt, but not because duty requires. On the other hand, if adversity and hopeless sorrow have completely taken away the relish for life; if the unfortunate one, strong in mind, indignant at his fate rather than desponding or dejected, wishes for death, and yet preserves his life without loving it- not from inclination or fear, but from duty- then his maxim has a moral worth.

To be beneficent when we can is a duty; and besides this, there are many minds so sympathetically constituted that, without any other motive of vanity or self-interest, they find a pleasure in spreading joy around them and can take delight in the satisfaction of others so far as it is their own work. But I maintain that in such a case an action of this kind, however proper, however amiable it may be, has nevertheless no true moral worth, but is on a level with other inclinations, e.g., the inclination to honour, which, if it is happily directed to that which is in fact of public utility and accordant with duty and consequently honourable, deserves praise and encouragement, but not esteem. For the maxim lacks the moral import, namely, that such actions be done from duty, not from inclination. Put the case that the mind of that philanthropist were

clouded by sorrow of his own, extinguishing all sympathy with the lot of others, and that, while he still has the power to benefit others in distress, he is not touched by their trouble because he is absorbed with his own; and now suppose that he tears himself out of this dead insensibility, and performs the action without any inclination to it, but simply from duty, then first has his action its genuine moral worth. Further still; if nature has put little sympathy in the heart of this or that man; if he, supposed to be an upright man, is by temperament cold and indifferent to the sufferings of others, perhaps because in respect of his own he is provided with the special gift of patience and fortitude and supposes, or even requires, that others should have the same- and such a man would certainly not be the meanest product of nature- but if nature had not specially framed him for a philanthropist, would he not still find in himself a source from whence to give himself a far higher worth than that of a good-natured temperament could be? Unquestionably. It is just in this that the moral worth of the character is brought out which is incomparably the highest of all, namely, that he is beneficent, not from inclination, but from duty.

To secure one's own happiness is a duty, at least indirectly; for discontent with one's condition, under a pressure of many anxieties and amidst unsatisfied wants, might easily become a great temptation to transgression of duty. But here again, without looking to duty, all men have already the strongest and most intimate inclination to happiness, because it is just in this idea that all inclinations are combined in one total. But the precept of happiness is often of such a sort that it greatly interferes with some inclinations, and yet a man cannot form any definite and certain conception of the sum of satisfaction of all of them which is called happiness. It is not then to be wondered at that a single inclination, definite both as to what it promises and as to the time within which it can be gratified, is often able to overcome such a fluctuating idea, and that a gouty patient, for instance, can choose to enjoy what he likes, and to suffer what he may, since, according to his calculation, on this occasion at least, he has not sacrificed the enjoyment of the

present moment to a possibly mistaken expectation of a happiness which is supposed to be found in health. But even in this case, if the general desire for happiness did not influence his will, and supposing that in his particular case health was not a necessary element in this calculation, there yet remains in this, as in all other cases, this law, namely, that he should promote his happiness not from inclination but from duty, and by this would his conduct first acquire true moral worth.

It is in this manner, undoubtedly, that we are to understand those passages of Scripture also in which we are commanded to love our neighbour, even our enemy. For love, as an affection, cannot be commanded, but beneficence for duty's sake may; even though we are not impelled to it by any inclination- nay, are even repelled by a natural and unconquerable aversion. This is practical love and not pathological- a love which is seated in the will, and not in the propensions of sense- in principles of action and not of tender sympathy; and it is this love alone which can be commanded.

The second proposition is: That an action done from duty derives its moral worth, not from the purpose which is to be attained by it, but from the maxim by which it is determined, and therefore does not depend on the realization of the object of the action, but merely on the principle of volition by which the action has taken place, without regard to any object of desire. It is clear from what precedes that the purposes which we may have in view in our actions, or their effects regarded as ends and springs of the will, cannot give to actions any unconditional or moral worth. In what, then, can their worth lie, if it is not to consist in the will and in reference to its expected effect? It cannot lie anywhere but in the principle of the will without regard to the ends which can be attained by the action. For the will stands between its a priori principle, which is formal, and its a posteriori spring, which is material, as between two roads, and as it must be determined by something, it follows that it must be determined by the formal principle of volition when an action is done from duty, in which case every material principle has been withdrawn from it.

The third proposition, which is a consequence of the two preceding, I would express thus: Duty is the necessity of acting from respect for the law. I may have inclination for an object as the effect of my proposed action, but I cannot have respect for it, just for this reason, that it is an effect and not an energy of will. Similarly I cannot have respect for inclination, whether my own or another's; I can at most, if my own, approve it; if another's, sometimes even love it; i.e., look on it as favourable to my own interest. It is only what is connected with my will as a principle, by no means as an effect- what does not subserve my inclination, but overpowers it, or at least in case of choice excludes it from its calculation- in other words, simply the law of itself, which can be an object of respect, and hence a command. Now an action done from duty must wholly exclude the influence of inclination and with it every object of the will, so that nothing remains which can determine the will except objectively the law, and subjectively pure respect for this practical law, and consequently the maxim \* that I should follow this law even to the thwarting of all my inclinations.

\* A maxim is the subjective principle of volition. The objective principle (i.e., that which would also serve subjectively as a practical principle to all rational beings if reason had full power over the faculty of desire) is the practical law.

Thus the moral worth of an action does not lie in the effect expected from it, nor in any principle of action which requires to borrow its motive from this expected effect. For all these effects-agreeableness of one's condition and even the promotion of the happiness of others- could have been also brought about by other causes, so that for this there would have been no need of the will of a rational being; whereas it is in this alone that the supreme and unconditional good can be found. The pre-eminent good which we call moral can therefore consist in nothing else than the conception of law in itself, which certainly is only possible in a rational being, in so far as this conception, and not the expected effect, determines the will. This is a good which is already present in the person who

acts accordingly, and we have not to wait for it to appear first in the result. \*

\* It might be here objected to me that I take refuge behind the word respect in an obscure feeling, instead of giving a distinct solution of the question by a concept of the reason. But although respect is a feeling, it is not a feeling received through influence, but is self-wrought by a rational concept, and, therefore, is specifically distinct from all feelings of the former kind, which may be referred either to inclination or fear, What I recognise immediately as a law for me, I recognise with respect. This merely signifies the consciousness that my will is subordinate to a law, without the intervention of other influences on my sense. The immediate determination of the will by the law, and the consciousness of this, is called respect, so that this is regarded as an effect of the law on the subject, and not as the cause of it. Respect is properly the conception of a worth which thwarts my self-love. Accordingly it is something which is considered neither as an object of inclination nor of fear, although it has something analogous to both. The object of respect is the law only, and that the law which we impose on ourselves and yet recognise as necessary in itself. As a law, we are subjected too it without consulting self-love; as imposed by us on ourselves, it is a result of our will. In the former aspect it has an analogy to fear, in the latter to inclination. Respect for a person is properly only respect for the law (of honesty, etc.) of which he gives us an example. Since we also look on the improvement of our talents as a duty, we consider that we see in a person of talents, as it were, the example of a law (viz., to become like him in this by exercise), and this constitutes our respect. All so-called moral interest consists simply in respect for the law.

But what sort of law can that be, the conception of which must determine the will, even without paying any regard to the effect expected from it, in order that this will may be called good absolutely and without qualification? As I have deprived the will of every impulse which could arise to it from obedience to any law, there remains nothing but the universal conformity of its actions to

law in general, which alone is to serve the will as a principle, i.e., I am never to act otherwise than so that I could also will that my maxim should become a universal law. Here, now, it is the simple conformity to law in general, without assuming any particular law applicable to certain actions, that serves the will as its principle and must so serve it, if duty is not to be a vain delusion and a chimerical notion. The common reason of men in its practical judgements perfectly coincides with this and always has in view the principle here suggested. Let the question be, for example: May I when in distress make a promise with the intention not to keep it? I readily distinguish here between the two significations which the question may have: Whether it is prudent, or whether it is right, to make a false promise? The former may undoubtedly often be the case. I see clearly indeed that it is not enough to extricate myself from a present difficulty by means of this subterfuge, but it must be well considered whether there may not hereafter spring from this lie much greater inconvenience than that from which I now free myself, and as, with all my supposed cunning, the consequences cannot be so easily foreseen but that credit once lost may be much more injurious to me than any mischief which I seek to avoid at present, it should be considered whether it would not be more prudent to act herein according to a universal maxim and to make it a habit to promise nothing except with the intention of keeping it. But it is soon clear to me that such a maxim will still only be based on the fear of consequences. Now it is a wholly different thing to be truthful from duty and to be so from apprehension of injurious consequences. In the first case, the very notion of the action already implies a law for me; in the second case, I must first look about elsewhere to see what results may be combined with it which would affect myself. For to deviate from the principle of duty is beyond all doubt wicked; but to be unfaithful to my maxim of prudence may often be very advantageous to me, although to abide by it is certainly safer. The shortest way, however, and an unerring one, to discover the answer to this question whether a lying promise is consistent with duty, is to ask myself, "Should I be content that my

maxim (to extricate myself from difficulty by a false promise) should hold good as a universal law, for myself as well as for others?" and should I be able to say to myself, "Every one may make a deceitful promise when he finds himself in a difficulty from which he cannot otherwise extricate himself?" Then I presently become aware that while I can will the lie, I can by no means will that lying should be a universal law. For with such a law there would be no promises at all, since it would be in vain to allege my intention in regard to my future actions to those who would not believe this allegation, or if they over hastily did so would pay me back in my own coin. Hence my maxim, as soon as it should be made a universal law, would necessarily destroy itself.

I do not, therefore, need any far-reaching penetration to discern what I have to do in order that my will may be morally good. Inexperienced in the course of the world, incapable of being prepared for all its contingencies, I only ask myself: Canst thou also will that thy maxim should be a universal law? If not, then it must be rejected, and that not because of a disadvantage accruing from it to myself or even to others, but because it cannot enter as a principle into a possible universal legislation, and reason extorts from me immediate respect for such legislation. I do not indeed as yet discern on what this respect is based (this the philosopher may inquire), but at least I understand this, that it is an estimation of the worth which far outweighs all worth of what is recommended by inclination, and that the necessity of acting from pure respect for the practical law is what constitutes duty, to which every other motive must give place, because it is the condition of a will being good in itself, and the worth of such a will is above everything.

Thus, then, without quitting the moral knowledge of common human reason, we have arrived at its principle. And although, no doubt, common men do not conceive it in such an abstract and universal form, yet they always have it really before their eyes and use it as the standard of their decision. Here it would be easy to show how, with this compass in hand, men are well able to distinguish, in every case that occurs, what is good, what bad,

conformably to duty or inconsistent with it, if, without in the least teaching them anything new, we only, like Socrates, direct their attention to the principle they themselves employ; and that, therefore, we do not need science and philosophy to know what we should do to be honest and good, yea, even wise and virtuous. Indeed we might well have conjectured beforehand that the knowledge of what every man is bound to do, and therefore also to know, would be within the reach of every man, even the commonest. Here we cannot forbear admiration when we see how great an advantage the practical judgement has over the theoretical in the common understanding of men. In the latter, if common reason ventures to depart from the laws of experience and from the perceptions of the senses, it falls into mere inconceivabilities and self-contradictions, at least into a chaos of uncertainty, obscurity, and instability. But in the practical sphere it is just when the common understanding excludes all sensible springs from practical laws that its power of judgement begins to show itself to advantage. It then becomes even subtle, whether it be that it chicanes with its own conscience or with other claims respecting what is to be called right, or whether it desires for its own instruction to determine honestly the worth of actions; and, in the latter case, it may even have as good a hope of hitting the mark as any philosopher whatever can promise himself. Nay, it is almost more sure of doing so, because the philosopher cannot have any other principle, while he may easily perplex his judgement by a multitude of considerations foreign to the matter, and so turn aside from the right way. Would it not therefore be wiser in moral concerns to acquiesce in the judgement of common reason, or at most only to call in philosophy for the purpose of rendering the system of morals more complete and intelligible, and its rules more convenient for use (especially for disputation), but not so as to draw off the common understanding from its happy simplicity, or to bring it by means of philosophy into a new path of inquiry and instruction?

Innocence is indeed a glorious thing; only, on the other hand, it is very sad that it cannot well maintain itself and is easily seduced.

On this account even wisdom- which otherwise consists more in conduct than in knowledge- yet has need of science, not in order to learn from it, but to secure for its precepts admission and permanence. Against all the commands of duty which reason represents to man as so deserving of respect, he feels in himself a powerful counterpoise in his wants and inclinations, the entire satisfaction of which he sums up under the name of happiness. Now reason issues its commands unyieldingly, without promising anything to the inclinations, and, as it were, with disregard and contempt for these claims, which are so impetuous, and at the same time so plausible, and which will not allow themselves to be suppressed by any command. Hence there arises a natural dialectic, i.e., a disposition, to argue against these strict laws of duty and to question their validity, or at least their purity and strictness; and, if possible, to make them more accordant with our wishes and inclinations, that is to say, to corrupt them at their very source, and entirely to destroy their worth- a thing which even common practical reason cannot ultimately call good.

Thus is the common reason of man compelled to go out of its sphere, and to take a step into the field of a practical philosophy, not to satisfy any speculative want (which never occurs to it as long as it is content to be mere sound reason), but even on practical grounds, in order to attain in it information and clear instruction respecting the source of its principle, and the correct determination of it in opposition to the maxims which are based on wants and inclinations, so that it may escape from the perplexity of opposite claims and not run the risk of losing all genuine moral principles through the equivocation into which it easily falls. Thus, when practical reason cultivates itself, there insensibly arises in it a dialectic which forces it to seek aid in philosophy, just as happens to it in its theoretic use; and in this case, therefore, as well as in the other, it will find rest nowhere but in a thorough critical examination of our reason.

SECOND SECTION

TRANSITION FROM POPULAR MORAL  
PHILOSOPHY

TO THE METAPHYSIC OF MORALS

If we have hitherto drawn our notion of duty from the common use of our practical reason, it is by no means to be inferred that we have treated it as an empirical notion. On the contrary, if we attend to the experience of men's conduct, we meet frequent and, as we ourselves allow, just complaints that one cannot find a single certain example of the disposition to act from pure duty. Although many things are done in conformity with what duty prescribes, it is nevertheless always doubtful whether they are done strictly from duty, so as to have a moral worth. Hence there have at all times been philosophers who have altogether denied that this disposition actually exists at all in human actions, and have ascribed everything to a more or less refined self-love. Not that they have on that account questioned the soundness of the conception of morality; on the contrary, they spoke with sincere regret of the frailty and corruption of human nature, which, though noble enough to take its rule an idea so worthy of respect, is yet weak to follow it and employs reason which ought to give it the law only for the purpose of providing for the interest of the inclinations, whether singly or at the best in the greatest possible harmony with one another.

In fact, it is absolutely impossible to make out by experience with complete certainty a single case in which the maxim of an action, however right in itself, rested simply on moral grounds and on the conception of duty. Sometimes it happens that with the sharpest

self-examination we can find nothing beside the moral principle of duty which could have been powerful enough to move us to this or that action and to so great a sacrifice; yet we cannot from this infer with certainty that it was not really some secret impulse of self-love, under the false appearance of duty, that was the actual determining cause of the will. We like them to flatter ourselves by falsely taking credit for a more noble motive; whereas in fact we can never, even by the strictest examination, get completely behind the secret springs of action; since, when the question is of moral worth, it is not with the actions which we see that we are concerned, but with those inward principles of them which we do not see.

Moreover, we cannot better serve the wishes of those who ridicule all morality as a mere chimera of human imagination over stepping itself from vanity, than by conceding to them that notions of duty must be drawn only from experience (as from indolence, people are ready to think is also the case with all other notions); for or is to prepare for them a certain triumph. I am willing to admit out of love of humanity that even most of our actions are correct, but if we look closer at them we everywhere come upon the dear self which is always prominent, and it is this they have in view and not the strict command of duty which would often require self-denial. Without being an enemy of virtue, a cool observer, one that does not mistake the wish for good, however lively, for its reality, may sometimes doubt whether true virtue is actually found anywhere in the world, and this especially as years increase and the judgement is partly made wiser by experience and partly, also, more acute in observation. This being so, nothing can secure us from falling away altogether from our ideas of duty, or maintain in the soul a well-grounded respect for its law, but the clear conviction that although there should never have been actions which really sprang from such pure sources, yet whether this or that takes place is not at all the question; but that reason of itself, independent on all experience, ordains what ought to take place, that accordingly actions of which perhaps the world has hitherto never given an example, the feasibility even of which might be very much doubted

by one who founds everything on experience, are nevertheless inflexibly commanded by reason; that, e.g., even though there might never yet have been a sincere friend, yet not a whit the less is pure sincerity in friendship required of every man, because, prior to all experience, this duty is involved as duty in the idea of a reason determining the will by a priori principles.

When we add further that, unless we deny that the notion of morality has any truth or reference to any possible object, we must admit that its law must be valid, not merely for men but for all rational creatures generally, not merely under certain contingent conditions or with exceptions but with absolute necessity, then it is clear that no experience could enable us to infer even the possibility of such apodeictic laws. For with what right could we bring into unbounded respect as a universal precept for every rational nature that which perhaps holds only under the contingent conditions of humanity? Or how could laws of the determination of our will be regarded as laws of the determination of the will of rational beings generally, and for us only as such, if they were merely empirical and did not take their origin wholly a priori from pure but practical reason?

Nor could anything be more fatal to morality than that we should wish to derive it from examples. For every example of it that is set before me must be first itself tested by principles of morality, whether it is worthy to serve as an original example, i.e., as a pattern; but by no means can it authoritatively furnish the conception of morality. Even the Holy One of the Gospels must first be compared with our ideal of moral perfection before we can recognise Him as such; and so He says of Himself, "Why call ye Me (whom you see) good; none is good (the model of good) but God only (whom ye do not see)?" But whence have we the conception of God as the supreme good? Simply from the idea of moral perfection, which reason frames a priori and connects inseparably with the notion of a free will. Imitation finds no place at all in morality, and examples serve only for encouragement, i.e., they put beyond doubt the feasibility of what the law commands, they make visible that

which the practical rule expresses more generally, but they can never authorize us to set aside the true original which lies in reason and to guide ourselves by examples.

If then there is no genuine supreme principle of morality but what must rest simply on pure reason, independent of all experience, I think it is not necessary even to put the question whether it is good to exhibit these concepts in their generality (in abstracto) as they are established a priori along with the principles belonging to them, if our knowledge is to be distinguished from the vulgar and to be called philosophical.

In our times indeed this might perhaps be necessary; for if we collected votes whether pure rational knowledge separated from everything empirical, that is to say, metaphysic of morals, or whether popular practical philosophy is to be preferred, it is easy to guess which side would preponderate.

This descending to popular notions is certainly very commendable, if the ascent to the principles of pure reason has first taken place and been satisfactorily accomplished. This implies that we first found ethics on metaphysics, and then, when it is firmly established, procure a hearing for it by giving it a popular character. But it is quite absurd to try to be popular in the first inquiry, on which the soundness of the principles depends. It is not only that this proceeding can never lay claim to the very rare merit of a true philosophical popularity, since there is no art in being intelligible if one renounces all thoroughness of insight; but also it produces a disgusting medley of compiled observations and half-reasoned principles. Shallow pates enjoy this because it can be used for everyday chat, but the sagacious find in it only confusion, and being unsatisfied and unable to help themselves, they turn away their eyes, while philosophers, who see quite well through this delusion, are little listened to when they call men off for a time from this pretended popularity, in order that they might be rightfully popular after they have attained a definite insight.

We need only look at the attempts of moralists in that favourite fashion, and we shall find at one time the special constitution of

human nature (including, however, the idea of a rational nature generally), at one time perfection, at another happiness, here moral sense, there fear of God. a little of this, and a little of that, in marvellous mixture, without its occurring to them to ask whether the principles of morality are to be sought in the knowledge of human nature at all (which we can have only from experience); or, if this is not so, if these principles are to be found altogether a priori, free from everything empirical, in pure rational concepts only and nowhere else, not even in the smallest degree; then rather to adopt the method of making this a separate inquiry, as pure practical philosophy, or (if one may use a name so decried) as metaphysic of morals, \* to bring it by itself to completeness, and to require the public, which wishes for popular treatment, to await the issue of this undertaking.

\* Just as pure mathematics are distinguished from applied, pure logic from applied, so if we choose we may also distinguish pure philosophy of morals (metaphysic) from applied (viz., applied to human nature). By this designation we are also at once reminded that moral principles are not based on properties of human nature, but must subsist a priori of themselves, while from such principles practical rules must be capable of being deduced for every rational nature, and accordingly for that of man.

Such a metaphysic of morals, completely isolated, not mixed with any anthropology, theology, physics, or hyperphysics, and still less with occult qualities (which we might call hypophysical), is not only an indispensable substratum of all sound theoretical knowledge of duties, but is at the same time a desideratum of the highest importance to the actual fulfilment of their precepts. For the pure conception of duty, unmixed with any foreign addition of empirical attractions, and, in a word, the conception of the moral law, exercises on the human heart, by way of reason alone (which first becomes aware with this that it can of itself be practical), an influence so much more powerful than all other springs \* which may be derived from the field of experience, that, in the consciousness of its worth, it despises the latter, and can by degrees

become their master; whereas a mixed ethics, compounded partly of motives drawn from feelings and inclinations, and partly also of conceptions of reason, must make the mind waver between motives which cannot be brought under any principle, which lead to good only by mere accident and very often also to evil.

\* I have a letter from the late excellent Sulzer, in which he asks me what can be the reason that moral instruction, although containing much that is convincing for the reason, yet accomplishes so little? My answer was postponed in order that I might make it complete. But it is simply this: that the teachers themselves have not got their own notions clear, and when they endeavour to make up for this by raking up motives of moral goodness from every quarter, trying to make their physic right strong, they spoil it. For the commonest understanding shows that if we imagine, on the one hand, an act of honesty done with steadfast mind, apart from every view to advantage of any kind in this world or another, and even under the greatest temptations of necessity or allurements, and, on the other hand, a similar act which was affected, in however low a degree, by a foreign motive, the former leaves far behind and eclipses the second; it elevates the soul and inspires the wish to be able to act in like manner oneself. Even moderately young children feel this impression, and one should never represent duties to them in any other light.

From what has been said, it is clear that all moral conceptions have their seat and origin completely a priori in the reason, and that, moreover, in the commonest reason just as truly as in that which is in the highest degree speculative; that they cannot be obtained by abstraction from any empirical, and therefore merely contingent, knowledge; that it is just this purity of their origin that makes them worthy to serve as our supreme practical principle, and that just in proportion as we add anything empirical, we detract from their genuine influence and from the absolute value of actions; that it is not only of the greatest necessity, in a purely speculative point of view, but is also of the greatest practical importance, to derive these notions and laws from pure reason, to present them pure and

unmixed, and even to determine the compass of this practical or pure rational knowledge, i.e., to determine the whole faculty of pure practical reason; and, in doing so, we must not make its principles dependent on the particular nature of human reason, though in speculative philosophy this may be permitted, or may even at times be necessary; but since moral laws ought to hold good for every rational creature, we must derive them from the general concept of a rational being. In this way, although for its application to man morality has need of anthropology, yet, in the first instance, we must treat it independently as pure philosophy, i.e., as metaphysic, complete in itself (a thing which in such distinct branches of science is easily done); knowing well that unless we are in possession of this, it would not only be vain to determine the moral element of duty in right actions for purposes of speculative criticism, but it would be impossible to base morals on their genuine principles, even for common practical purposes, especially of moral instruction, so as to produce pure moral dispositions, and to engraft them on men's minds to the promotion of the greatest possible good in the world.

But in order that in this study we may not merely advance by the natural steps from the common moral judgement (in this case very worthy of respect) to the philosophical, as has been already done, but also from a popular philosophy, which goes no further than it can reach by groping with the help of examples, to metaphysic (which does allow itself to be checked by anything empirical and, as it must measure the whole extent of this kind of rational knowledge, goes as far as ideal conceptions, where even examples fail us), we must follow and clearly describe the practical faculty of reason, from the general rules of its determination to the point where the notion of duty springs from it.

Everything in nature works according to laws. Rational beings alone have the faculty of acting according to the conception of laws, that is according to principles, i.e., have a will. Since the deduction of actions from principles requires reason, the will is nothing but practical reason. If reason infallibly determines the will, then the actions of such a being which are recognised as objectively

necessary are subjectively necessary also, i.e., the will is a faculty to choose that only which reason independent of inclination recognises as practically necessary, i.e., as good. But if reason of itself does not sufficiently determine the will, if the latter is subject also to subjective conditions (particular impulses) which do not always coincide with the objective conditions; in a word, if the will does not in itself completely accord with reason (which is actually the case with men), then the actions which objectively are recognised as necessary are subjectively contingent, and the determination of such a will according to objective laws is obligation, that is to say, the relation of the objective laws to a will that is not thoroughly good is conceived as the determination of the will of a rational being by principles of reason, but which the will from its nature does not of necessity follow.

The conception of an objective principle, in so far as it is obligatory for a will, is called a command (of reason), and the formula of the command is called an imperative.

All imperatives are expressed by the word ought [or shall], and thereby indicate the relation of an objective law of reason to a will, which from its subjective constitution is not necessarily determined by it (an obligation). They say that something would be good to do or to forbear, but they say it to a will which does not always do a thing because it is conceived to be good to do it. That is practically good, however, which determines the will by means of the conceptions of reason, and consequently not from subjective causes, but objectively, that is on principles which are valid for every rational being as such. It is distinguished from the pleasant, as that which influences the will only by means of sensation from merely subjective causes, valid only for the sense of this or that one, and not as a principle of reason, which holds for every one. \*

\* The dependence of the desires on sensations is called inclination, and this accordingly always indicates a want. The dependence of a contingently determinable will on principles of reason is called an interest. This therefore, is found only in the case of a dependent will which does not always of itself conform to

reason; in the Divine will we cannot conceive any interest. But the human will can also take an interest in a thing without therefore acting from interest. The former signifies the practical interest in the action, the latter the pathological in the object of the action. The former indicates only dependence of the will on principles of reason in themselves; the second, dependence on principles of reason for the sake of inclination, reason supplying only the practical rules how the requirement of the inclination may be satisfied. In the first case the action interests me; in the second the object of the action (because it is pleasant to me). We have seen in the first section that in an action done from duty we must look not to the interest in the object, but only to that in the action itself, and in its rational principle (*viz.*, the law).

A perfectly good will would therefore be equally subject to objective laws (*viz.*, laws of good), but could not be conceived as obliged thereby to act lawfully, because of itself from its subjective constitution it can only be determined by the conception of good. Therefore no imperatives hold for the Divine will, or in general for a holy will; ought is here out of place, because the volition is already of itself necessarily in unison with the law. Therefore imperatives are only formulae to express the relation of objective laws of all volition to the subjective imperfection of the will of this or that rational being, e.g., the human will.

Now all imperatives command either hypothetically or categorically. The former represent the practical necessity of a possible action as means to something else that is willed (or at least which one might possibly will). The categorical imperative would be that which represented an action as necessary of itself without reference to another end, i.e., as objectively necessary.

Since every practical law represents a possible action as good and, on this account, for a subject who is practically determinable by reason, necessary, all imperatives are formulae determining an action which is necessary according to the principle of a will good in some respects. If now the action is good only as a means to something else, then the imperative is hypothetical; if it is conceived

as good in itself and consequently as being necessarily the principle of a will which of itself conforms to reason, then it is categorical.

Thus the imperative declares what action possible by me would be good and presents the practical rule in relation to a will which does not forthwith perform an action simply because it is good, whether because the subject does not always know that it is good, or because, even if it know this, yet its maxims might be opposed to the objective principles of practical reason.

Accordingly the hypothetical imperative only says that the action is good for some purpose, possible or actual. In the first case it is a problematical, in the second an assertorial practical principle. The categorical imperative which declares an action to be objectively necessary in itself without reference to any purpose, i.e., without any other end, is valid as an apodeictic (practical) principle.

Whatever is possible only by the power of some rational being may also be conceived as a possible purpose of some will; and therefore the principles of action as regards the means necessary to attain some possible purpose are in fact infinitely numerous. All sciences have a practical part, consisting of problems expressing that some end is possible for us and of imperatives directing how it may be attained. These may, therefore, be called in general imperatives of skill. Here there is no question whether the end is rational and good, but only what one must do in order to attain it. The precepts for the physician to make his patient thoroughly healthy, and for a poisoner to ensure certain death, are of equal value in this respect, that each serves to effect its purpose perfectly. Since in early youth it cannot be known what ends are likely to occur to us in the course of life, parents seek to have their children taught a great many things, and provide for their skill in the use of means for all sorts of arbitrary ends, of none of which can they determine whether it may not perhaps hereafter be an object to their pupil, but which it is at all events possible that he might aim at; and this anxiety is so great that they commonly neglect to form and correct their judgement on the value of the things which may be chosen as ends.

There is one end, however, which may be assumed to be actually such to all rational beings (so far as imperatives apply to them, viz., as dependent beings), and, therefore, one purpose which they not merely may have, but which we may with certainty assume that they all actually have by a natural necessity, and this is happiness. The hypothetical imperative which expresses the practical necessity of an action as means to the advancement of happiness is assertorial. We are not to present it as necessary for an uncertain and merely possible purpose, but for a purpose which we may presuppose with certainty and a priori in every man, because it belongs to his being. Now skill in the choice of means to his own greatest well-being may be called prudence, \* in the narrowest sense. And thus the imperative which refers to the choice of means to one's own happiness, i.e., the precept of prudence, is still always hypothetical; the action is not commanded absolutely, but only as means to another purpose.

\* The word prudence is taken in two senses: in the one it may bear the name of knowledge of the world, in the other that of private prudence. The former is a man's ability to influence others so as to use them for his own purposes. The latter is the sagacity to combine all these purposes for his own lasting benefit. This latter is properly that to which the value even of the former is reduced, and when a man is prudent in the former sense, but not in the latter, we might better say of him that he is clever and cunning, but, on the whole, imprudent.

Finally, there is an imperative which commands a certain conduct immediately, without having as its condition any other purpose to be attained by it. This imperative is categorical. It concerns not the matter of the action, or its intended result, but its form and the principle of which it is itself a result; and what is essentially good in it consists in the mental disposition, let the consequence be what it may. This imperative may be called that of morality.

There is a marked distinction also between the volitions on these three sorts of principles in the dissimilarity of the obligation of the will. In order to mark this difference more clearly, I think they would

be most suitably named in their order if we said they are either rules of skill, or counsels of prudence, or commands (laws) of morality. For it is law only that involves the conception of an unconditional and objective necessity, which is consequently universally valid; and commands are laws which must be obeyed, that is, must be followed, even in opposition to inclination. Counsels, indeed, involve necessity, but one which can only hold under a contingent subjective condition, viz., they depend on whether this or that man reckons this or that as part of his happiness; the categorical imperative, on the contrary, is not limited by any condition, and as being absolutely, although practically, necessary, may be quite properly called a command. We might also call the first kind of imperatives technical (belonging to art), the second pragmatic \* (to welfare), the third moral (belonging to free conduct generally, that is, to morals).

\* It seems to me that the proper signification of the word pragmatic may be most accurately defined in this way. For sanctions are called pragmatic which flow properly not from the law of the states as necessary enactments, but from precaution for the general welfare. A history is composed pragmatically when it teaches prudence, i.e., instructs the world how it can provide for its interests better, or at least as well as, the men of former time.

Now arises the question, how are all these imperatives possible? This question does not seek to know how we can conceive the accomplishment of the action which the imperative ordains, but merely how we can conceive the obligation of the will which the imperative expresses. No special explanation is needed to show how an imperative of skill is possible. Whoever wills the end, wills also (so far as reason decides his conduct) the means in his power which are indispensably necessary thereto. This proposition is, as regards the volition, analytical; for, in willing an object as my effect, there is already thought the causality of myself as an acting cause, that is to say, the use of the means; and the imperative educes from the conception of volition of an end the conception of actions necessary to this end. Synthetical propositions must no doubt be employed in

defining the means to a proposed end; but they do not concern the principle, the act of the will, but the object and its realization. E.g., that in order to bisect a line on an unerring principle I must draw from its extremities two intersecting arcs; this no doubt is taught by mathematics only in synthetical propositions; but if I know that it is only by this process that the intended operation can be performed, then to say that, if I fully will the operation, I also will the action required for it, is an analytical proposition; for it is one and the same thing to conceive something as an effect which I can produce in a certain way, and to conceive myself as acting in this way.

If it were only equally easy to give a definite conception of happiness, the imperatives of prudence would correspond exactly with those of skill, and would likewise be analytical. For in this case as in that, it could be said: "Whoever wills the end, wills also (according to the dictate of reason necessarily) the indispensable means thereto which are in his power." But, unfortunately, the notion of happiness is so indefinite that although every man wishes to attain it, yet he never can say definitely and consistently what it is that he really wishes and wills. The reason of this is that all the elements which belong to the notion of happiness are altogether empirical, i.e., they must be borrowed from experience, and nevertheless the idea of happiness requires an absolute whole, a maximum of welfare in my present and all future circumstances. Now it is impossible that the most clear-sighted and at the same time most powerful being (supposed finite) should frame to himself a definite conception of what he really wills in this. Does he will riches, how much anxiety, envy, and snares might he not thereby draw upon his shoulders? Does he will knowledge and discernment, perhaps it might prove to be only an eye so much the sharper to show him so much the more fearfully the evils that are now concealed from him, and that cannot be avoided, or to impose more wants on his desires, which already give him concern enough. Would he have long life? who guarantees to him that it would not be a long misery? would he at least have health? how often has uneasiness of the body restrained from excesses into which perfect

health would have allowed one to fall? and so on. In short, he is unable, on any principle, to determine with certainty what would make him truly happy; because to do so he would need to be omniscient. We cannot therefore act on any definite principles to secure happiness, but only on empirical counsels, e.g. of regimen, frugality, courtesy, reserve, etc., which experience teaches do, on the average, most promote well-being. Hence it follows that the imperatives of prudence do not, strictly speaking, command at all, that is, they cannot present actions objectively as practically necessary; that they are rather to be regarded as counsels (*consilia*) than precepts precepts of reason, that the problem to determine certainly and universally what action would promote the happiness of a rational being is completely insoluble, and consequently no imperative respecting it is possible which should, in the strict sense, command to do what makes happy; because happiness is not an ideal of reason but of imagination, resting solely on empirical grounds, and it is vain to expect that these should define an action by which one could attain the totality of a series of consequences which is really endless. This imperative of prudence would however be an analytical proposition if we assume that the means to happiness could be certainly assigned; for it is distinguished from the imperative of skill only by this, that in the latter the end is merely possible, in the former it is given; as however both only ordain the means to that which we suppose to be willed as an end, it follows that the imperative which ordains the willing of the means to him who wills the end is in both cases analytical. Thus there is no difficulty in regard to the possibility of an imperative of this kind either.

On the other hand, the question how the imperative of morality is possible, is undoubtedly one, the only one, demanding a solution, as this is not at all hypothetical, and the objective necessity which it presents cannot rest on any hypothesis, as is the case with the hypothetical imperatives. Only here we must never leave out of consideration that we cannot make out by any example, in other words empirically, whether there is such an imperative at all, but it

is rather to be feared that all those which seem to be categorical may yet be at bottom hypothetical. For instance, when the precept is: "Thou shalt not promise deceitfully"; and it is assumed that the necessity of this is not a mere counsel to avoid some other evil, so that it should mean: "Thou shalt not make a lying promise, lest if it become known thou shouldst destroy thy credit," but that an action of this kind must be regarded as evil in itself, so that the imperative of the prohibition is categorical; then we cannot show with certainty in any example that the will was determined merely by the law, without any other spring of action, although it may appear to be so. For it is always possible that fear of disgrace, perhaps also obscure dread of other dangers, may have a secret influence on the will. Who can prove by experience the non-existence of a cause when all that experience tells us is that we do not perceive it? But in such a case the so-called moral imperative, which as such appears to be categorical and unconditional, would in reality be only a pragmatic precept, drawing our attention to our own interests and merely teaching us to take these into consideration.

We shall therefore have to investigate a priori the possibility of a categorical imperative, as we have not in this case the advantage of its reality being given in experience, so that [the elucidation of] its possibility should be requisite only for its explanation, not for its establishment. In the meantime it may be discerned beforehand that the categorical imperative alone has the purport of a practical law; all the rest may indeed be called principles of the will but not laws, since whatever is only necessary for the attainment of some arbitrary purpose may be considered as in itself contingent, and we can at any time be free from the precept if we give up the purpose; on the contrary, the unconditional command leaves the will no liberty to choose the opposite; consequently it alone carries with it that necessity which we require in a law.

Secondly, in the case of this categorical imperative or law of morality, the difficulty (of discerning its possibility) is a very profound one. It is an a priori synthetical practical proposition; \* and as there is so much difficulty in discerning the possibility of

speculative propositions of this kind, it may readily be supposed that the difficulty will be no less with the practical.

\* I connect the act with the will without presupposing any condition resulting from any inclination, but a priori, and therefore necessarily (though only objectively, i.e., assuming the idea of a reason possessing full power over all subjective motives). This is accordingly a practical proposition which does not deduce the willing of an action by mere analysis from another already presupposed (for we have not such a perfect will), but connects it immediately with the conception of the will of a rational being, as something not contained in it.

In this problem we will first inquire whether the mere conception of a categorical imperative may not perhaps supply us also with the formula of it, containing the proposition which alone can be a categorical imperative; for even if we know the tenor of such an absolute command, yet how it is possible will require further special and laborious study, which we postpone to the last section.

When I conceive a hypothetical imperative, in general I do not know beforehand what it will contain until I am given the condition. But when I conceive a categorical imperative, I know at once what it contains. For as the imperative contains besides the law only the necessity that the maxims \* shall conform to this law, while the law contains no conditions restricting it, there remains nothing but the general statement that the maxim of the action should conform to a universal law, and it is this conformity alone that the imperative properly represents as necessary.

\* A maxim is a subjective principle of action, and must be distinguished from the objective principle, namely, practical law. The former contains the practical rule set by reason according to the conditions of the subject (often its ignorance or its inclinations), so that it is the principle on which the subject acts; but the law is the objective principle valid for every rational being, and is the principle on which it ought to act that is an imperative.

There is therefore but one categorical imperative, namely, this:

Act only on that maxim whereby thou canst at the same time will that it should become a universal law.

Now if all imperatives of duty can be deduced from this one imperative as from their principle, then, although it should remain undecided what is called duty is not merely a vain notion, yet at least we shall be able to show what we understand by it and what this notion means.

Since the universality of the law according to which effects are produced constitutes what is properly called nature in the most general sense (as to form), that is the existence of things so far as it is determined by general laws, the imperative of duty may be expressed thus: Act as if the maxim of thy action were to become by thy will a universal law of nature.

We will now enumerate a few duties, adopting the usual division of them into duties to ourselves and ourselves and to others, and into perfect and imperfect duties. \*

\* It must be noted here that I reserve the division of duties for a future metaphysic of morals; so that I give it here only as an arbitrary one (in order to arrange my examples). For the rest, I understand by a perfect duty one that admits no exception in favour of inclination and then I have not merely external but also internal perfect duties. This is contrary to the use of the word adopted in the schools; but I do not intend to justify there, as it is all one for my purpose whether it is admitted or not.

1. A man reduced to despair by a series of misfortunes feels wearied of life, but is still so far in possession of his reason that he can ask himself whether it would not be contrary to his duty to himself to take his own life. Now he inquires whether the maxim of his action could become a universal law of nature. His maxim is: "From self-love I adopt it as a principle to shorten my life when its longer duration is likely to bring more evil than satisfaction." It is asked then simply whether this principle founded on self-love can become a universal law of nature. Now we see at once that a system of nature of which it should be a law to destroy life by means of the very feeling whose special nature it is to impel to the

improvement of life would contradict itself and, therefore, could not exist as a system of nature; hence that maxim cannot possibly exist as a universal law of nature and, consequently, would be wholly inconsistent with the supreme principle of all duty.

2. Another finds himself forced by necessity to borrow money. He knows that he will not be able to repay it, but sees also that nothing will be lent to him unless he promises stoutly to repay it in a definite time. He desires to make this promise, but he has still so much conscience as to ask himself: "Is it not unlawful and inconsistent with duty to get out of a difficulty in this way?" Suppose however that he resolves to do so: then the maxim of his action would be expressed thus: "When I think myself in want of money, I will borrow money and promise to repay it, although I know that I never can do so." Now this principle of self-love or of one's own advantage may perhaps be consistent with my whole future welfare; but the question now is, "Is it right?" I change then the suggestion of self-love into a universal law, and state the question thus: "How would it be if my maxim were a universal law?" Then I see at once that it could never hold as a universal law of nature, but would necessarily contradict itself. For supposing it to be a universal law that everyone when he thinks himself in a difficulty should be able to promise whatever he pleases, with the purpose of not keeping his promise, the promise itself would become impossible, as well as the end that one might have in view in it, since no one would consider that anything was promised to him, but would ridicule all such statements as vain pretences.

3. A third finds in himself a talent which with the help of some culture might make him a useful man in many respects. But he finds himself in comfortable circumstances and prefers to indulge in pleasure rather than to take pains in enlarging and improving his happy natural capacities. He asks, however, whether his maxim of neglect of his natural gifts, besides agreeing with his inclination to indulgence, agrees also with what is called duty. He sees then that a system of nature could indeed subsist with such a universal law although men (like the South Sea islanders) should let their talents

rest and resolve to devote their lives merely to idleness, amusement, and propagation of their species- in a word, to enjoyment; but he cannot possibly will that this should be a universal law of nature, or be implanted in us as such by a natural instinct. For, as a rational being, he necessarily wills that his faculties be developed, since they serve him and have been given him, for all sorts of possible purposes.

4. A fourth, who is in prosperity, while he sees that others have to contend with great wretchedness and that he could help them, thinks: "What concern is it of mine? Let everyone be as happy as Heaven pleases, or as he can make himself; I will take nothing from him nor even envy him, only I do not wish to contribute anything to his welfare or to his assistance in distress!" Now no doubt if such a mode of thinking were a universal law, the human race might very well subsist and doubtless even better than in a state in which everyone talks of sympathy and good-will, or even takes care occasionally to put it into practice, but, on the other side, also cheats when he can, betrays the rights of men, or otherwise violates them. But although it is possible that a universal law of nature might exist in accordance with that maxim, it is impossible to will that such a principle should have the universal validity of a law of nature. For a will which resolved this would contradict itself, inasmuch as many cases might occur in which one would have need of the love and sympathy of others, and in which, by such a law of nature, sprung from his own will, he would deprive himself of all hope of the aid he desires.

These are a few of the many actual duties, or at least what we regard as such, which obviously fall into two classes on the one principle that we have laid down. We must be able to will that a maxim of our action should be a universal law. This is the canon of the moral appreciation of the action generally. Some actions are of such a character that their maxim cannot without contradiction be even conceived as a universal law of nature, far from it being possible that we should will that it should be so. In others this intrinsic impossibility is not found, but still it is impossible to will

that their maxim should be raised to the universality of a law of nature, since such a will would contradict itself. It is easily seen that the former violate strict or rigorous (inflexible) duty; the latter only laxer (meritorious) duty. Thus it has been completely shown how all duties depend as regards the nature of the obligation (not the object of the action) on the same principle.

If now we attend to ourselves on occasion of any transgression of duty, we shall find that we in fact do not will that our maxim should be a universal law, for that is impossible for us; on the contrary, we will that the opposite should remain a universal law, only we assume the liberty of making an exception in our own favour or (just for this time only) in favour of our inclination. Consequently if we considered all cases from one and the same point of view, namely, that of reason, we should find a contradiction in our own will, namely, that a certain principle should be objectively necessary as a universal law, and yet subjectively should not be universal, but admit of exceptions. As however we at one moment regard our action from the point of view of a will wholly conformed to reason, and then again look at the same action from the point of view of a will affected by inclination, there is not really any contradiction, but an antagonism of inclination to the precept of reason, whereby the universality of the principle is changed into a mere generality, so that the practical principle of reason shall meet the maxim half way. Now, although this cannot be justified in our own impartial judgement, yet it proves that we do really recognise the validity of the categorical imperative and (with all respect for it) only allow ourselves a few exceptions, which we think unimportant and forced from us.

We have thus established at least this much, that if duty is a conception which is to have any import and real legislative authority for our actions, it can only be expressed in categorical and not at all in hypothetical imperatives. We have also, which is of great importance, exhibited clearly and definitely for every practical application the content of the categorical imperative, which must contain the principle of all duty if there is such a thing at all. We

have not yet, however, advanced so far as to prove a priori that there actually is such an imperative, that there is a practical law which commands absolutely of itself and without any other impulse, and that the following of this law is duty.

With the view of attaining to this, it is of extreme importance to remember that we must not allow ourselves to think of deducing the reality of this principle from the particular attributes of human nature. For duty is to be a practical, unconditional necessity of action; it must therefore hold for all rational beings (to whom an imperative can apply at all), and for this reason only be also a law for all human wills. On the contrary, whatever is deduced from the particular natural characteristics of humanity, from certain feelings and propensions, nay, even, if possible, from any particular tendency proper to human reason, and which need not necessarily hold for the will of every rational being; this may indeed supply us with a maxim, but not with a law; with a subjective principle on which we may have a propension and inclination to act, but not with an objective principle on which we should be enjoined to act, even though all our propensions, inclinations, and natural dispositions were opposed to it. In fact, the sublimity and intrinsic dignity of the command in duty are so much the more evident, the less the subjective impulses favour it and the more they oppose it, without being able in the slightest degree to weaken the obligation of the law or to diminish its validity.

Here then we see philosophy brought to a critical position, since it has to be firmly fixed, notwithstanding that it has nothing to support it in heaven or earth. Here it must show its purity as absolute director of its own laws, not the herald of those which are whispered to it by an implanted sense or who knows what tutelary nature. Although these may be better than nothing, yet they can never afford principles dictated by reason, which must have their source wholly a priori and thence their commanding authority, expecting everything from the supremacy of the law and the due respect for it, nothing from inclination, or else condemning the man to self-contempt and inward abhorrence.

Thus every empirical element is not only quite incapable of being an aid to the principle of morality, but is even highly prejudicial to the purity of morals, for the proper and inestimable worth of an absolutely good will consists just in this, that the principle of action is free from all influence of contingent grounds, which alone experience can furnish. We cannot too much or too often repeat our warning against this lax and even mean habit of thought which seeks for its principle amongst empirical motives and laws; for human reason in its weariness is glad to rest on this pillow, and in a dream of sweet illusions (in which, instead of Juno, it embraces a cloud) it substitutes for morality a bastard patched up from limbs of various derivation, which looks like anything one chooses to see in it, only not like virtue to one who has once beheld her in her true form. \*

\* To behold virtue in her proper form is nothing else but to contemplate morality stripped of all admixture of sensible things and of every spurious ornament of reward or self-love. How much she then eclipses everything else that appears charming to the affections, every one may readily perceive with the least exertion of his reason, if it be not wholly spoiled for abstraction.

The question then is this: "Is it a necessary law for all rational beings that they should always judge of their actions by maxims of which they can themselves will that they should serve as universal laws?" If it is so, then it must be connected (altogether a priori) with the very conception of the will of a rational being generally. But in order to discover this connexion we must, however reluctantly, take a step into metaphysic, although into a domain of it which is distinct from speculative philosophy, namely, the metaphysic of morals. In a practical philosophy, where it is not the reasons of what happens that we have to ascertain, but the laws of what ought to happen, even although it never does, i.e., objective practical laws, there it is not necessary to inquire into the reasons why anything pleases or displeases, how the pleasure of mere sensation differs from taste, and whether the latter is distinct from a general satisfaction of reason; on what the feeling of pleasure or pain rests, and how from it desires and inclinations arise, and from these again maxims

by the co-operation of reason: for all this belongs to an empirical psychology, which would constitute the second part of physics, if we regard physics as the philosophy of nature, so far as it is based on empirical laws. But here we are concerned with objective practical laws and, consequently, with the relation of the will to itself so far as it is determined by reason alone, in which case whatever has reference to anything empirical is necessarily excluded; since if reason of itself alone determines the conduct (and it is the possibility of this that we are now investigating), it must necessarily do so a priori.

The will is conceived as a faculty of determining oneself to action in accordance with the conception of certain laws. And such a faculty can be found only in rational beings. Now that which serves the will as the objective ground of its self-determination is the end, and, if this is assigned by reason alone, it must hold for all rational beings. On the other hand, that which merely contains the ground of possibility of the action of which the effect is the end, this is called the means. The subjective ground of the desire is the spring, the objective ground of the volition is the motive; hence the distinction between subjective ends which rest on springs, and objective ends which depend on motives valid for every rational being. Practical principles are formal when they abstract from all subjective ends; they are material when they assume these, and therefore particular springs of action. The ends which a rational being proposes to himself at pleasure as effects of his actions (material ends) are all only relative, for it is only their relation to the particular desires of the subject that gives them their worth, which therefore cannot furnish principles universal and necessary for all rational beings and for every volition, that is to say practical laws. Hence all these relative ends can give rise only to hypothetical imperatives.

Supposing, however, that there were something whose existence has in itself an absolute worth, something which, being an end in itself, could be a source of definite laws; then in this and this alone

would lie the source of a possible categorical imperative, i.e., a practical law.

Now I say: man and generally any rational being exists as an end in himself, not merely as a means to be arbitrarily used by this or that will, but in all his actions, whether they concern himself or other rational beings, must be always regarded at the same time as an end. All objects of the inclinations have only a conditional worth, for if the inclinations and the wants founded on them did not exist, then their object would be without value. But the inclinations, themselves being sources of want, are so far from having an absolute worth for which they should be desired that on the contrary it must be the universal wish of every rational being to be wholly free from them. Thus the worth of any object which is to be acquired by our action is always conditional. Beings whose existence depends not on our will but on nature's, have nevertheless, if they are irrational beings, only a relative value as means, and are therefore called things; rational beings, on the contrary, are called persons, because their very nature points them out as ends in themselves, that is as something which must not be used merely as means, and so far therefore restricts freedom of action (and is an object of respect). These, therefore, are not merely subjective ends whose existence has a worth for us as an effect of our action, but objective ends, that is, things whose existence is an end in itself; an end moreover for which no other can be substituted, which they should subserve merely as means, for otherwise nothing whatever would possess absolute worth; but if all worth were conditioned and therefore contingent, then there would be no supreme practical principle of reason whatever.

If then there is a supreme practical principle or, in respect of the human will, a categorical imperative, it must be one which, being drawn from the conception of that which is necessarily an end for everyone because it is an end in itself, constitutes an objective principle of will, and can therefore serve as a universal practical law. The foundation of this principle is: rational nature exists as an end in itself. Man necessarily conceives his own existence as being so;

so far then this is a subjective principle of human actions. But every other rational being regards its existence similarly, just on the same rational principle that holds for me: \* so that it is at the same time an objective principle, from which as a supreme practical law all laws of the will must be capable of being deduced. Accordingly the practical imperative will be as follows: So act as to treat humanity, whether in thine own person or in that of any other, in every case as an end withal, never as means only. We will now inquire whether this can be practically carried out.

\* This proposition is here stated as a postulate. The ground of it will be found in the concluding section.

To abide by the previous examples:

Firstly, under the head of necessary duty to oneself: He who contemplates suicide should ask himself whether his action can be consistent with the idea of humanity as an end in itself. If he destroys himself in order to escape from painful circumstances, he uses a person merely as a mean to maintain a tolerable condition up to the end of life. But a man is not a thing, that is to say, something which can be used merely as means, but must in all his actions be always considered as an end in himself. I cannot, therefore, dispose in any way of a man in my own person so as to mutilate him, to damage or kill him. (It belongs to ethics proper to define this principle more precisely, so as to avoid all misunderstanding, e. g., as to the amputation of the limbs in order to preserve myself, as to exposing my life to danger with a view to preserve it, etc. This question is therefore omitted here.)

Secondly, as regards necessary duties, or those of strict obligation, towards others: He who is thinking of making a lying promise to others will see at once that he would be using another man merely as a mean, without the latter containing at the same time the end in himself. For he whom I propose by such a promise to use for my own purposes cannot possibly assent to my mode of acting towards him and, therefore, cannot himself contain the end of this action. This violation of the principle of humanity in other men is more obvious if we take in examples of attacks on the

freedom and property of others. For then it is clear that he who transgresses the rights of men intends to use the person of others merely as a means, without considering that as rational beings they ought always to be esteemed also as ends, that is, as beings who must be capable of containing in themselves the end of the very same action. \*

\* Let it not be thought that the common “quod tibi non vis fieri, etc.” could serve here as the rule or principle. For it is only a deduction from the former, though with several limitations; it cannot be a universal law, for it does not contain the principle of duties to oneself, nor of the duties of benevolence to others (for many a one would gladly consent that others should not benefit him, provided only that he might be excused from showing benevolence to them), nor finally that of duties of strict obligation to one another, for on this principle the criminal might argue against the judge who punishes him, and so on.

Thirdly, as regards contingent (meritorious) duties to oneself: It is not enough that the action does not violate humanity in our own person as an end in itself, it must also harmonize with it. Now there are in humanity capacities of greater perfection, which belong to the end that nature has in view in regard to humanity in ourselves as the subject: to neglect these might perhaps be consistent with the maintenance of humanity as an end in itself, but not with the advancement of this end.

Fourthly, as regards meritorious duties towards others: The natural end which all men have is their own happiness. Now humanity might indeed subsist, although no one should contribute anything to the happiness of others, provided he did not intentionally withdraw anything from it; but after all this would only harmonize negatively not positively with humanity as an end in itself, if every one does not also endeavour, as far as in him lies, to forward the ends of others. For the ends of any subject which is an end in himself ought as far as possible to be my ends also, if that conception is to have its full effect with me.

This principle, that humanity and generally every rational nature

is an end in itself (which is the supreme limiting condition of every man's freedom of action), is not borrowed from experience, firstly, because it is universal, applying as it does to all rational beings whatever, and experience is not capable of determining anything about them; secondly, because it does not present humanity as an end to men (subjectively), that is as an object which men do of themselves actually adopt as an end; but as an objective end, which must as a law constitute the supreme limiting condition of all our subjective ends, let them be what we will; it must therefore spring from pure reason. In fact the objective principle of all practical legislation lies (according to the first principle) in the rule and its form of universality which makes it capable of being a law (say, e. g., a law of nature); but the subjective principle is in the end; now by the second principle the subject of all ends is each rational being, inasmuch as it is an end in itself. Hence follows the third practical principle of the will, which is the ultimate condition of its harmony with universal practical reason, viz.: the idea of the will of every rational being as a universally legislative will.

On this principle all maxims are rejected which are inconsistent with the will being itself universal legislator. Thus the will is not subject simply to the law, but so subject that it must be regarded as itself giving the law and, on this ground only, subject to the law (of which it can regard itself as the author).

In the previous imperatives, namely, that based on the conception of the conformity of actions to general laws, as in a physical system of nature, and that based on the universal prerogative of rational beings as ends in themselves- these imperatives, just because they were conceived as categorical, excluded from any share in their authority all admixture of any interest as a spring of action; they were, however, only assumed to be categorical, because such an assumption was necessary to explain the conception of duty. But we could not prove independently that there are practical propositions which command categorically, nor can it be proved in this section; one thing, however, could be done, namely, to indicate in the imperative itself, by some determinate expression, that in the case

of volition from duty all interest is renounced, which is the specific criterion of categorical as distinguished from hypothetical imperatives. This is done in the present (third) formula of the principle, namely, in the idea of the will of every rational being as a universally legislating will.

For although a will which is subject to laws may be attached to this law by means of an interest, yet a will which is itself a supreme lawgiver so far as it is such cannot possibly depend on any interest, since a will so dependent would itself still need another law restricting the interest of its self-love by the condition that it should be valid as universal law.

Thus the principle that every human will is a will which in all its maxims gives universal laws, \* provided it be otherwise justified, would be very well adapted to be the categorical imperative, in this respect, namely, that just because of the idea of universal legislation it is not based on interest, and therefore it alone among all possible imperatives can be unconditional. Or still better, converting the proposition, if there is a categorical imperative (i.e., a law for the will of every rational being), it can only command that everything be done from maxims of one's will regarded as a will which could at the same time will that it should itself give universal laws, for in that case only the practical principle and the imperative which it obeys are unconditional, since they cannot be based on any interest.

\* I may be excused from adducing examples to elucidate this principle, as those which have already been used to elucidate the categorical imperative and its formula would all serve for the like purpose here.

Looking back now on all previous attempts to discover the principle of morality, we need not wonder why they all failed. It was seen that man was bound to laws by duty, but it was not observed that the laws to which he is subject are only those of his own giving, though at the same time they are universal, and that he is only bound to act in conformity with his own will; a will, however, which is designed by nature to give universal laws. For when one has conceived man only as subject to a law (no matter what), then

this law required some interest, either by way of attraction or constraint, since it did not originate as a law from his own will, but this will was according to a law obliged by something else to act in a certain manner. Now by this necessary consequence all the labour spent in finding a supreme principle of duty was irrevocably lost. For men never elicited duty, but only a necessity of acting from a certain interest. Whether this interest was private or otherwise, in any case the imperative must be conditional and could not by any means be capable of being a moral command. I will therefore call this the principle of autonomy of the will, in contrast with every other which I accordingly reckon as heteronomy.

The conception of the will of every rational being as one which must consider itself as giving in all the maxims of its will universal laws, so as to judge itself and its actions from this point of view- this conception leads to another which depends on it and is very fruitful, namely that of a kingdom of ends.

By a kingdom I understand the union of different rational beings in a system by common laws. Now since it is by laws that ends are determined as regards their universal validity, hence, if we abstract from the personal differences of rational beings and likewise from all the content of their private ends, we shall be able to conceive all ends combined in a systematic whole (including both rational beings as ends in themselves, and also the special ends which each may propose to himself), that is to say, we can conceive a kingdom of ends, which on the preceding principles is possible.

For all rational beings come under the law that each of them must treat itself and all others never merely as means, but in every case at the same time as ends in themselves. Hence results a systematic union of rational being by common objective laws, i.e., a kingdom which may be called a kingdom of ends, since what these laws have in view is just the relation of these beings to one another as ends and means. It is certainly only an ideal.

A rational being belongs as a member to the kingdom of ends when, although giving universal laws in it, he is also himself subject

to these laws. He belongs to it as sovereign when, while giving laws, he is not subject to the will of any other.

A rational being must always regard himself as giving laws either as member or as sovereign in a kingdom of ends which is rendered possible by the freedom of will. He cannot, however, maintain the latter position merely by the maxims of his will, but only in case he is a completely independent being without wants and with unrestricted power adequate to his will.

Morality consists then in the reference of all action to the legislation which alone can render a kingdom of ends possible. This legislation must be capable of existing in every rational being and of emanating from his will, so that the principle of this will is never to act on any maxim which could not without contradiction be also a universal law and, accordingly, always so to act that the will could at the same time regard itself as giving in its maxims universal laws. If now the maxims of rational beings are not by their own nature coincident with this objective principle, then the necessity of acting on it is called practical necessitation, i.e., duty. Duty does not apply to the sovereign in the kingdom of ends, but it does to every member of it and to all in the same degree.

The practical necessity of acting on this principle, i.e., duty, does not rest at all on feelings, impulses, or inclinations, but solely on the relation of rational beings to one another, a relation in which the will of a rational being must always be regarded as legislative, since otherwise it could not be conceived as an end in itself. Reason then refers every maxim of the will, regarding it as legislating universally, to every other will and also to every action towards oneself; and this not on account of any other practical motive or any future advantage, but from the idea of the dignity of a rational being, obeying no law but that which he himself also gives.

In the kingdom of ends everything has either value or dignity. Whatever has a value can be replaced by something else which is equivalent; whatever, on the other hand, is above all value, and therefore admits of no equivalent, has a dignity.

Whatever has reference to the general inclinations and wants

of mankind has a market value; whatever, without presupposing a want, corresponds to a certain taste, that is to a satisfaction in the mere purposeless play of our faculties, has a fancy value; but that which constitutes the condition under which alone anything can be an end in itself, this has not merely a relative worth, i.e., value, but an intrinsic worth, that is, dignity.

Now morality is the condition under which alone a rational being can be an end in himself, since by this alone is it possible that he should be a legislating member in the kingdom of ends. Thus morality, and humanity as capable of it, is that which alone has dignity. Skill and diligence in labour have a market value; wit, lively imagination, and humour, have fancy value; on the other hand, fidelity to promises, benevolence from principle (not from instinct), have an intrinsic worth. Neither nature nor art contains anything which in default of these it could put in their place, for their worth consists not in the effects which spring from them, not in the use and advantage which they secure, but in the disposition of mind, that is, the maxims of the will which are ready to manifest themselves in such actions, even though they should not have the desired effect. These actions also need no recommendation from any subjective taste or sentiment, that they may be looked on with immediate favour and satisfaction: they need no immediate propension or feeling for them; they exhibit the will that performs them as an object of an immediate respect, and nothing but reason is required to impose them on the will; not to flatter it into them, which, in the case of duties, would be a contradiction. This estimation therefore shows that the worth of such a disposition is dignity, and places it infinitely above all value, with which it cannot for a moment be brought into comparison or competition without as it were violating its sanctity.

What then is it which justifies virtue or the morally good disposition, in making such lofty claims? It is nothing less than the privilege it secures to the rational being of participating in the giving of universal laws, by which it qualifies him to be a member of a possible kingdom of ends, a privilege to which he was already

destined by his own nature as being an end in himself and, on that account, legislating in the kingdom of ends; free as regards all laws of physical nature, and obeying those only which he himself gives, and by which his maxims can belong to a system of universal law, to which at the same time he submits himself. For nothing has any worth except what the law assigns it. Now the legislation itself which assigns the worth of everything must for that very reason possess dignity, that is an unconditional incomparable worth; and the word respect alone supplies a becoming expression for the esteem which a rational being must have for it. Autonomy then is the basis of the dignity of human and of every rational nature.

The three modes of presenting the principle of morality that have been adduced are at bottom only so many formulae of the very same law, and each of itself involves the other two. There is, however, a difference in them, but it is rather subjectively than objectively practical, intended namely to bring an idea of the reason nearer to intuition (by means of a certain analogy) and thereby nearer to feeling. All maxims, in fact, have:

1. A form, consisting in universality; and in this view the formula of the moral imperative is expressed thus, that the maxims must be so chosen as if they were to serve as universal laws of nature.

2. A matter, namely, an end, and here the formula says that the rational being, as it is an end by its own nature and therefore an end in itself, must in every maxim serve as the condition limiting all merely relative and arbitrary ends.

3. A complete characterization of all maxims by means of that formula, namely, that all maxims ought by their own legislation to harmonize with a possible kingdom of ends as with a kingdom of nature. \* There is a progress here in the order of the categories of unity of the form of the will (its universality), plurality of the matter (the objects, i.e., the ends), and totality of the system of these. In forming our moral judgement of actions, it is better to proceed always on the strict method and start from the general formula of the categorical imperative: Act according to a maxim which can at the same time make itself a universal law. If, however, we wish to

gain an entrance for the moral law, it is very useful to bring one and the same action under the three specified conceptions, and thereby as far as possible to bring it nearer to intuition.

\* Teleology considers nature as a kingdom of ends; ethics regards a possible kingdom of ends as a kingdom nature. In the first case, the kingdom of ends is a theoretical idea, adopted to explain what actually is. In the latter it is a practical idea, adopted to bring about that which is not yet, but which can be realized by our conduct, namely, if it conforms to this idea.

We can now end where we started at the beginning, namely, with the conception of a will unconditionally good. That will is absolutely good which cannot be evil- in other words, whose maxim, if made a universal law, could never contradict itself. This principle, then, is its supreme law: "Act always on such a maxim as thou canst at the same time will to be a universal law"; this is the sole condition under which a will can never contradict itself; and such an imperative is categorical. Since the validity of the will as a universal law for possible actions is analogous to the universal connexion of the existence of things by general laws, which is the formal notion of nature in general, the categorical imperative can also be expressed thus: Act on maxims which can at the same time have for their object themselves as universal laws of nature. Such then is the formula of an absolutely good will.

Rational nature is distinguished from the rest of nature by this, that it sets before itself an end. This end would be the matter of every good will. But since in the idea of a will that is absolutely good without being limited by any condition (of attaining this or that end) we must abstract wholly from every end to be effected (since this would make every will only relatively good), it follows that in this case the end must be conceived, not as an end to be effected, but as an independently existing end. Consequently it is conceived only negatively, i.e., as that which we must never act against and which, therefore, must never be regarded merely as means, but must in every volition be esteemed as an end likewise. Now this end can be nothing but the subject of all possible ends, since this

is also the subject of a possible absolutely good will; for such a will cannot without contradiction be postponed to any other object. The principle: "So act in regard to every rational being (thyself and others), that he may always have place in thy maxim as an end in himself;" is accordingly essentially identical with this other: "Act upon a maxim which, at the same time, involves its own universal validity for every rational being." For that in using means for every end I should limit my maxim by the condition of its holding good as a law for every subject, this comes to the same thing as that the fundamental principle of all maxims of action must be that the subject of all ends, i.e., the rational being himself, be never employed merely as means, but as the supreme condition restricting the use of all means, that is in every case as an end likewise.

It follows incontestably that, to whatever laws any rational being may be subject, he being an end in himself must be able to regard himself as also legislating universally in respect of these same laws, since it is just this fitness of his maxims for universal legislation that distinguishes him as an end in himself; also it follows that this implies his dignity (prerogative) above all mere physical beings, that he must always take his maxims from the point of view which regards himself and, likewise, every other rational being as law-giving beings (on which account they are called persons). In this way a world of rational beings (*mundus intelligibilis*) is possible as a kingdom of ends, and this by virtue of the legislation proper to all persons as members. Therefore every rational being must so act as if he were by his maxims in every case a legislating member in the universal kingdom of ends. The formal principle of these maxims is: "So act as if thy maxim were to serve likewise as the universal law (of all rational beings)." A kingdom of ends is thus only possible on the analogy of a kingdom of nature, the former however only by maxims, that is self-imposed rules, the latter only by the laws of efficient causes acting under necessitation from without. Nevertheless, although the system of nature is looked upon as a machine, yet so far as it has reference to rational beings as its ends, it is given on this account the name of a kingdom of nature. Now

such a kingdom of ends would be actually realized by means of maxims conforming to the canon which the categorical imperative prescribes to all rational beings, if they were universally followed. But although a rational being, even if he punctually follows this maxim himself, cannot reckon upon all others being therefore true to the same, nor expect that the kingdom of nature and its orderly arrangements shall be in harmony with him as a fitting member, so as to form a kingdom of ends to which he himself contributes, that is to say, that it shall favour his expectation of happiness, still that law: "Act according to the maxims of a member of a merely possible kingdom of ends legislating in it universally," remains in its full force, inasmuch as it commands categorically. And it is just in this that the paradox lies; that the mere dignity of man as a rational creature, without any other end or advantage to be attained thereby, in other words, respect for a mere idea, should yet serve as an inflexible precept of the will, and that it is precisely in this independence of the maxim on all such springs of action that its sublimity consists; and it is this that makes every rational subject worthy to be a legislative member in the kingdom of ends: for otherwise he would have to be conceived only as subject to the physical law of his wants. And although we should suppose the kingdom of nature and the kingdom of ends to be united under one sovereign, so that the latter kingdom thereby ceased to be a mere idea and acquired true reality, then it would no doubt gain the accession of a strong spring, but by no means any increase of its intrinsic worth. For this sole absolute lawgiver must, notwithstanding this, be always conceived as estimating the worth of rational beings only by their disinterested behaviour, as prescribed to themselves from that idea [the dignity of man] alone. The essence of things is not altered by their external relations, and that which, abstracting from these, alone constitutes the absolute worth of man, is also that by which he must be judged, whoever the judge may be, and even by the Supreme Being. Morality, then, is the relation of actions to the relation of actions will, that is, to the autonomy of potential universal legislation by its maxims. An action that is consistent with

the autonomy of the will is permitted; one that does not agree therewith is forbidden. A will whose maxims necessarily coincide with the laws of autonomy is a holy will, good absolutely. The dependence of a will not absolutely good on the principle of autonomy (moral necessitation) is obligation. This, then, cannot be applied to a holy being. The objective necessity of actions from obligation is called duty.

From what has just been said, it is easy to see how it happens that, although the conception of duty implies subjection to the law, we yet ascribe a certain dignity and sublimity to the person who fulfils all his duties. There is not, indeed, any sublimity in him, so far as he is subject to the moral law; but inasmuch as in regard to that very law he is likewise a legislator, and on that account alone subject to it, he has sublimity. We have also shown above that neither fear nor inclination, but simply respect for the law, is the spring which can give actions a moral worth. Our own will, so far as we suppose it to act only under the condition that its maxims are potentially universal laws, this ideal will which is possible to us is the proper object of respect; and the dignity of humanity consists just in this capacity of being universally legislative, though with the condition that it is itself subject to this same legislation.

#### The Autonomy of the Will as the Supreme Principle of Morality

Autonomy of the will is that property of it by which it is a law to itself (independently of any property of the objects of volition). The principle of autonomy then is: "Always so to choose that the same volition shall comprehend the maxims of our choice as a universal law." We cannot prove that this practical rule is an imperative, i.e., that the will of every rational being is necessarily bound to it as a condition, by a mere analysis of the conceptions which occur in it, since it is a synthetical proposition; we must advance beyond the cognition of the objects to a critical examination of the subject, that is, of the pure practical reason, for this synthetic proposition which commands apodeictically must be capable of being cognized wholly a priori. This matter, however, does not belong to the present section. But that the principle of autonomy in question is the sole

principle of morals can be readily shown by mere analysis of the conceptions of morality. For by this analysis we find that its principle must be a categorical imperative and that what this commands is neither more nor less than this very autonomy.

#### Heteronomy of the Will as the Source of all spurious Principles of Morality

If the will seeks the law which is to determine it anywhere else than in the fitness of its maxims to be universal laws of its own dictation, consequently if it goes out of itself and seeks this law in the character of any of its objects, there always results heteronomy. The will in that case does not give itself the law, but it is given by the object through its relation to the will. This relation, whether it rests on inclination or on conceptions of reason, only admits of hypothetical imperatives: "I ought to do something because I wish for something else." On the contrary, the moral, and therefore categorical, imperative says: "I ought to do so and so, even though I should not wish for anything else." E.g., the former says: "I ought not to lie, if I would retain my reputation"; the latter says: "I ought not to lie, although it should not bring me the least discredit." The latter therefore must so far abstract from all objects that they shall have no influence on the will, in order that practical reason (will) may not be restricted to administering an interest not belonging to it, but may simply show its own commanding authority as the supreme legislation. Thus, e.g., I ought to endeavour to promote the happiness of others, not as if its realization involved any concern of mine (whether by immediate inclination or by any satisfaction indirectly gained through reason), but simply because a maxim which excludes it cannot be comprehended as a universal law in one and the same volition.

#### Classification of all Principles of Morality which can be founded on the Conception of Heteronomy

Here as elsewhere human reason in its pure use, so long as it was not critically examined, has first tried all possible wrong ways before it succeeded in finding the one true way.

All principles which can be taken from this point of view are

either empirical or rational. The former, drawn from the principle of happiness, are built on physical or moral feelings; the latter, drawn from the principle of perfection, are built either on the rational conception of perfection as a possible effect, or on that of an independent perfection (the will of God) as the determining cause of our will.

Empirical principles are wholly incapable of serving as a foundation for moral laws. For the universality with which these should hold for all rational beings without distinction, the unconditional practical necessity which is thereby imposed on them, is lost when their foundation is taken from the particular constitution of human nature, or the accidental circumstances in which it is placed. The principle of private happiness, however, is the most objectionable, not merely because it is false, and experience contradicts the supposition that prosperity is always proportioned to good conduct, nor yet merely because it contributes nothing to the establishment of morality- since it is quite a different thing to make a prosperous man and a good man, or to make one prudent and sharp-sighted for his own interests and to make him virtuous- but because the springs it provides for morality are such as rather undermine it and destroy its sublimity, since they put the motives to virtue and to vice in the same class and only teach us to make a better calculation, the specific difference between virtue and vice being entirely extinguished. On the other hand, as to moral feeling, this supposed special sense, \* the appeal to it is indeed superficial when those who cannot think believe that feeling will help them out, even in what concerns general laws: and besides, feelings, which naturally differ infinitely in degree, cannot furnish a uniform standard of good and evil, nor has anyone a right to form judgements for others by his own feelings: nevertheless this moral feeling is nearer to morality and its dignity in this respect, that it pays virtue the honour of ascribing to her immediately the satisfaction and esteem we have for her and does not, as it were, tell her to her face that we are not attached to her by her beauty but by profit.

\* I class the principle of moral feeling under that of happiness, because every empirical interest promises to contribute to our well-being by the agreeableness that a thing affords, whether it be immediately and without a view to profit, or whether profit be regarded. We must likewise, with Hutcheson, class the principle of sympathy with the happiness of others under his assumed moral sense.

Amongst the rational principles of morality, the ontological conception of perfection, notwithstanding its defects, is better than the theological conception which derives morality from a Divine absolutely perfect will. The former is, no doubt, empty and indefinite and consequently useless for finding in the boundless field of possible reality the greatest amount suitable for us; moreover, in attempting to distinguish specifically the reality of which we are now speaking from every other, it inevitably tends to turn in a circle and cannot avoid tacitly presupposing the morality which it is to explain; it is nevertheless preferable to the theological view, first, because we have no intuition of the divine perfection and can only deduce it from our own conceptions, the most important of which is that of morality, and our explanation would thus be involved in a gross circle; and, in the next place, if we avoid this, the only notion of the Divine will remaining to us is a conception made up of the attributes of desire of glory and dominion, combined with the awful conceptions of might and vengeance, and any system of morals erected on this foundation would be directly opposed to morality.

However, if I had to choose between the notion of the moral sense and that of perfection in general (two systems which at least do not weaken morality, although they are totally incapable of serving as its foundation), then I should decide for the latter, because it at least withdraws the decision of the question from the sensibility and brings it to the court of pure reason; and although even here it decides nothing, it at all events preserves the indefinite idea (of a will good in itself free from corruption, until it shall be more precisely defined.

For the rest I think I may be excused here from a detailed refutation of all these doctrines; that would only be superfluous labour, since it is so easy, and is probably so well seen even by those whose office requires them to decide for one of these theories (because their hearers would not tolerate suspension of judgement). But what interests us more here is to know that the prime foundation of morality laid down by all these principles is nothing but heteronomy of the will, and for this reason they must necessarily miss their aim.

In every case where an object of the will has to be supposed, in order that the rule may be prescribed which is to determine the will, there the rule is simply heteronomy; the imperative is conditional, namely, if or because one wishes for this object, one should act so and so: hence it can never command morally, that is, categorically. Whether the object determines the will by means of inclination, as in the principle of private happiness, or by means of reason directed to objects of our possible volition generally, as in the principle of perfection, in either case the will never determines itself immediately by the conception of the action, but only by the influence which the foreseen effect of the action has on the will; I ought to do something, on this account, because I wish for something else; and here there must be yet another law assumed in me as its subject, by which I necessarily will this other thing, and this law again requires an imperative to restrict this maxim. For the influence which the conception of an object within the reach of our faculties can exercise on the will of the subject, in consequence of its natural properties, depends on the nature of the subject, either the sensibility (inclination and taste), or the understanding and reason, the employment of which is by the peculiar constitution of their nature attended with satisfaction. It follows that the law would be, properly speaking, given by nature, and, as such, it must be known and proved by experience and would consequently be contingent and therefore incapable of being an apodeictic practical rule, such as the moral rule must be. Not only so, but it is inevitably only heteronomy; the will does not give itself the law, but is given

by a foreign impulse by means of a particular natural constitution of the subject adapted to receive it. An absolutely good will, then, the principle of which must be a categorical imperative, will be indeterminate as regards all objects and will contain merely the form of volition generally, and that as autonomy, that is to say, the capability of the maxims of every good will to make themselves a universal law, is itself the only law which the will of every rational being imposes on itself, without needing to assume any spring or interest as a foundation.

How such a synthetical practical a priori proposition is possible, and why it is necessary, is a problem whose solution does not lie within the bounds of the metaphysic of morals; and we have not here affirmed its truth, much less professed to have a proof of it in our power. We simply showed by the development of the universally received notion of morality that an autonomy of the will is inevitably connected with it, or rather is its foundation. Whoever then holds morality to be anything real, and not a chimerical idea without any truth, must likewise admit the principle of it that is here assigned. This section then, like the first, was merely analytical. Now to prove that morality is no creation of the brain, which it cannot be if the categorical imperative and with it the autonomy of the will is true, and as an a priori principle absolutely necessary, this supposes the possibility of a synthetic use of pure practical reason, which however we cannot venture on without first giving a critical examination of this faculty of reason. In the concluding section we shall give the principal outlines of this critical examination as far as is sufficient for our purpose.

THIRD SECTION

TRANSITION FROM THE METAPHYSIC OF  
MORALS TO THE

CRITIQUE OF PURE PRACTICAL REASON

The Concept of Freedom is the Key that explains the Autonomy of the Will

The will is a kind of causality belonging to living beings in so far as they are rational, and freedom would be this property of such causality that it can be efficient, independently of foreign causes determining it; just as physical necessity is the property that the causality of all irrational beings has of being determined to activity by the influence of foreign causes.

The preceding definition of freedom is negative and therefore unfruitful for the discovery of its essence, but it leads to a positive conception which is so much the more full and fruitful.

Since the conception of causality involves that of laws, according to which, by something that we call cause, something else, namely the effect, must be produced; hence, although freedom is not a property of the will depending on physical laws, yet it is not for that reason lawless; on the contrary it must be a causality acting according to immutable laws, but of a peculiar kind; otherwise a free will would be an absurdity. Physical necessity is a heteronomy of the efficient causes, for every effect is possible only according to this law, that something else determines the efficient cause to exert its causality. What else then can freedom of the will be but autonomy, that is, the property of the will to be a law to itself? But the proposition: "The will is in every action a law to itself,"

only expresses the principle: “To act on no other maxim than that which can also have as an object itself as a universal law.” Now this is precisely the formula of the categorical imperative and is the principle of morality, so that a free will and a will subject to moral laws are one and the same.

On the hypothesis, then, of freedom of the will, morality together with its principle follows from it by mere analysis of the conception. However, the latter is a synthetic proposition; viz., an absolutely good will is that whose maxim can always include itself regarded as a universal law; for this property of its maxim can never be discovered by analysing the conception of an absolutely good will. Now such synthetic propositions are only possible in this way: that the two cognitions are connected together by their union with a third in which they are both to be found. The positive concept of freedom furnishes this third cognition, which cannot, as with physical causes, be the nature of the sensible world (in the concept of which we find conjoined the concept of something in relation as cause to something else as effect). We cannot now at once show what this third is to which freedom points us and of which we have an idea a priori, nor can we make intelligible how the concept of freedom is shown to be legitimate from principles of pure practical reason and with it the possibility of a categorical imperative; but some further preparation is required.

#### Freedom must be presupposed as a Property of the Will of all Rational Beings

It is not enough to predicate freedom of our own will, from Whatever reason, if we have not sufficient grounds for predicating the same of all rational beings. For as morality serves as a law for us only because we are rational beings, it must also hold for all rational beings; and as it must be deduced simply from the property of freedom, it must be shown that freedom also is a property of all rational beings. It is not enough, then, to prove it from certain supposed experiences of human nature (which indeed is quite impossible, and it can only be shown a priori), but we must show that it belongs to the activity of all rational beings endowed with

a will. Now I say every being that cannot act except under the idea of freedom is just for that reason in a practical point of view really free, that is to say, all laws which are inseparably connected with freedom have the same force for him as if his will had been shown to be free in itself by a proof theoretically conclusive. \* Now I affirm that we must attribute to every rational being which has a will that it has also the idea of freedom and acts entirely under this idea. For in such a being we conceive a reason that is practical, that is, has causality in reference to its objects. Now we cannot possibly conceive a reason consciously receiving a bias from any other quarter with respect to its judgements, for then the subject would ascribe the determination of its judgement not to its own reason, but to an impulse. It must regard itself as the author of its principles independent of foreign influences. Consequently as practical reason or as the will of a rational being it must regard itself as free, that is to say, the will of such a being cannot be a will of its own except under the idea of freedom. This idea must therefore in a practical point of view be ascribed to every rational being.

\* I adopt this method of assuming freedom merely as an idea which rational beings suppose in their actions, in order to avoid the necessity of proving it in its theoretical aspect also. The former is sufficient for my purpose; for even though the speculative proof should not be made out, yet a being that cannot act except with the idea of freedom is bound by the same laws that would oblige a being who was actually free. Thus we can escape here from the onus which presses on the theory.

#### Of the Interest attaching to the Ideas of Morality

We have finally reduced the definite conception of morality to the idea of freedom. This latter, however, we could not prove to be actually a property of ourselves or of human nature; only we saw that it must be presupposed if we would conceive a being as rational and conscious of its causality in respect of its actions, i.e., as endowed with a will; and so we find that on just the same grounds we must ascribe to every being endowed with reason and

will this attribute of determining itself to action under the idea of its freedom.

Now it resulted also from the presupposition of these ideas that we became aware of a law that the subjective principles of action, i.e., maxims, must always be so assumed that they can also hold as objective, that is, universal principles, and so serve as universal laws of our own dictation. But why then should I subject myself to this principle and that simply as a rational being, thus also subjecting to it all other being endowed with reason? I will allow that no interest urges me to this, for that would not give a categorical imperative, but I must take an interest in it and discern how this comes to pass; for this properly an “I ought” is properly an “I would,” valid for every rational being, provided only that reason determined his actions without any hindrance. But for beings that are in addition affected as we are by springs of a different kind, namely, sensibility, and in whose case that is not always done which reason alone would do, for these that necessity is expressed only as an “ought,” and the subjective necessity is different from the objective.

It seems then as if the moral law, that is, the principle of autonomy of the will, were properly speaking only presupposed in the idea of freedom, and as if we could not prove its reality and objective necessity independently. In that case we should still have gained something considerable by at least determining the true principle more exactly than had previously been done; but as regards its validity and the practical necessity of subjecting oneself to it, we should not have advanced a step. For if we were asked why the universal validity of our maxim as a law must be the condition restricting our actions, and on what we ground the worth which we assign to this manner of acting- a worth so great that there cannot be any higher interest; and if we were asked further how it happens that it is by this alone a man believes he feels his own personal worth, in comparison with which that of an agreeable or disagreeable condition is to be regarded as nothing, to these questions we could give no satisfactory answer.

We find indeed sometimes that we can take an interest in a

personal quality which does not involve any interest of external condition, provided this quality makes us capable of participating in the condition in case reason were to effect the allotment; that is to say, the mere being worthy of happiness can interest of itself even without the motive of participating in this happiness. This judgement, however, is in fact only the effect of the importance of the moral law which we before presupposed (when by the idea of freedom we detach ourselves from every empirical interest); but that we ought to detach ourselves from these interests, i.e., to consider ourselves as free in action and yet as subject to certain laws, so as to find a worth simply in our own person which can compensate us for the loss of everything that gives worth to our condition; this we are not yet able to discern in this way, nor do we see how it is possible so to act- in other words, whence the moral law derives its obligation.

It must be freely admitted that there is a sort of circle here from which it seems impossible to escape. In the order of efficient causes we assume ourselves free, in order that in the order of ends we may conceive ourselves as subject to moral laws: and we afterwards conceive ourselves as subject to these laws, because we have attributed to ourselves freedom of will: for freedom and self-legislation of will are both autonomy and, therefore, are reciprocal conceptions, and for this very reason one must not be used to explain the other or give the reason of it, but at most only logical purposes to reduce apparently different notions of the same object to one single concept (as we reduce different fractions of the same value to the lowest terms).

One resource remains to us, namely, to inquire whether we do not occupy different points of view when by means of freedom we think ourselves as causes efficient a priori, and when we form our conception of ourselves from our actions as effects which we see before our eyes.

It is a remark which needs no subtle reflection to make, but which we may assume that even the commonest understanding can make, although it be after its fashion by an obscure discernment

of judgement which it calls feeling, that all the “ideas” that come to us involuntarily (as those of the senses) do not enable us to know objects otherwise than as they affect us; so that what they may be in themselves remains unknown to us, and consequently that as regards “ideas” of this kind even with the closest attention and clearness that the understanding can apply to them, we can by them only attain to the knowledge of appearances, never to that of things in themselves. As soon as this distinction has once been made (perhaps merely in consequence of the difference observed between the ideas given us from without, and in which we are passive, and those that we produce simply from ourselves, and in which we show our own activity), then it follows of itself that we must admit and assume behind the appearance something else that is not an appearance, namely, the things in themselves; although we must admit that as they can never be known to us except as they affect us, we can come no nearer to them, nor can we ever know what they are in themselves. This must furnish a distinction, however crude, between a world of sense and the world of understanding, of which the former may be different according to the difference of the sensuous impressions in various observers, while the second which is its basis always remains the same, Even as to himself, a man cannot pretend to know what he is in himself from the knowledge he has by internal sensation. For as he does not as it were create himself, and does not come by the conception of himself a priori but empirically, it naturally follows that he can obtain his knowledge even of himself only by the inner sense and, consequently, only through the appearances of his nature and the way in which his consciousness is affected. At the same time beyond these characteristics of his own subject, made up of mere appearances, he must necessarily suppose something else as their basis, namely, his ego, whatever its characteristics in itself may be. Thus in respect to mere perception and receptivity of sensations he must reckon himself as belonging to the world of sense; but in respect of whatever there may be of pure activity in him (that which reaches consciousness immediately and not through affecting the

senses), he must reckon himself as belonging to the intellectual world, of which, however, he has no further knowledge. To such a conclusion the reflecting man must come with respect to all the things which can be presented to him: it is probably to be met with even in persons of the commonest understanding, who, as is well known, are very much inclined to suppose behind the objects of the senses something else invisible and acting of itself. They spoil it, however, by presently sensualizing this invisible again; that is to say, wanting to make it an object of intuition, so that they do not become a whit the wiser.

Now man really finds in himself a faculty by which he distinguishes himself from everything else, even from himself as affected by objects, and that is reason. This being pure spontaneity is even elevated above the understanding. For although the latter is a spontaneity and does not, like sense, merely contain intuitions that arise when we are affected by things (and are therefore passive), yet it cannot produce from its activity any other conceptions than those which merely serve to bring the intuitions of sense under rules and, thereby, to unite them in one consciousness, and without this use of the sensibility it could not think at all; whereas, on the contrary, reason shows so pure a spontaneity in the case of what I call ideas [ideal conceptions] that it thereby far transcends everything that the sensibility can give it, and exhibits its most important function in distinguishing the world of sense from that of understanding, and thereby prescribing the limits of the understanding itself.

For this reason a rational being must regard himself qua intelligence (not from the side of his lower faculties) as belonging not to the world of sense, but to that of understanding; hence he has two points of view from which he can regard himself, and recognise laws of the exercise of his faculties, and consequently of all his actions: first, so far as he belongs to the world of sense, he finds himself subject to laws of nature (heteronomy); secondly, as belonging to the intelligible world, under laws which being

independent of nature have their foundation not in experience but in reason alone.

As a rational being, and consequently belonging to the intelligible world, man can never conceive the causality of his own will otherwise than on condition of the idea of freedom, for independence of the determinate causes of the sensible world (an independence which reason must always ascribe to itself) is freedom. Now the idea of freedom is inseparably connected with the conception of autonomy, and this again with the universal principle of morality which is ideally the foundation of all actions of rational beings, just as the law of nature is of all phenomena.

Now the suspicion is removed which we raised above, that there was a latent circle involved in our reasoning from freedom to autonomy, and from this to the moral law, viz.: that we laid down the idea of freedom because of the moral law only that we might afterwards in turn infer the latter from freedom, and that consequently we could assign no reason at all for this law, but could only [present] it as a *petitio principii* which well disposed minds would gladly concede to us, but which we could never put forward as a provable proposition. For now we see that, when we conceive ourselves as free, we transfer ourselves into the world of understanding as members of it and recognise the autonomy of the will with its consequence, morality; whereas, if we conceive ourselves as under obligation, we consider ourselves as belonging to the world of sense and at the same time to the world of understanding.

How is a Categorical Imperative Possible?

Every rational being reckons himself qua intelligence as belonging to the world of understanding, and it is simply as an efficient cause belonging to that world that he calls his causality a will. On the other side he is also conscious of himself as a part of the world of sense in which his actions, which are mere appearances [phenomena] of that causality, are displayed; we cannot, however, discern how they are possible from this causality which we do not know; but instead of that, these actions as belonging to the sensible world

must be viewed as determined by other phenomena, namely, desires and inclinations. If therefore I were only a member of the world of understanding, then all my actions would perfectly conform to the principle of autonomy of the pure will; if I were only a part of the world of sense, they would necessarily be assumed to conform wholly to the natural law of desires and inclinations, in other words, to the heteronomy of nature. (The former would rest on morality as the supreme principle, the latter on happiness.) Since, however, the world of understanding contains the foundation of the world of sense, and consequently of its laws also, and accordingly gives the law to my will (which belongs wholly to the world of understanding) directly, and must be conceived as doing so, it follows that, although on the one side I must regard myself as a being belonging to the world of sense, yet on the other side I must recognize myself as subject as an intelligence to the law of the world of understanding, i.e., to reason, which contains this law in the idea of freedom, and therefore as subject to the autonomy of the will: consequently I must regard the laws of the world of understanding as imperatives for me and the actions which conform to them as duties.

And thus what makes categorical imperatives possible is this, that the idea of freedom makes me a member of an intelligible world, in consequence of which, if I were nothing else, all my actions would always conform to the autonomy of the will; but as I at the same time intuit myself as a member of the world of sense, they ought so to conform, and this categorical “ought” implies a synthetic a priori proposition, inasmuch as besides my will as affected by sensible desires there is added further the idea of the same will but as belonging to the world of the understanding, pure and practical of itself, which contains the supreme condition according to reason of the former will; precisely as to the intuitions of sense there are added concepts of the understanding which of themselves signify nothing but regular form in general and in this way synthetic a priori propositions become possible, on which all knowledge of physical nature rests.

The practical use of common human reason confirms this

reasoning. There is no one, not even the most consummate villain, provided only that he is otherwise accustomed to the use of reason, who, when we set before him examples of honesty of purpose, of steadfastness in following good maxims, of sympathy and general benevolence (even combined with great sacrifices of advantages and comfort), does not wish that he might also possess these qualities. Only on account of his inclinations and impulses he cannot attain this in himself, but at the same time he wishes to be free from such inclinations which are burdensome to himself. He proves by this that he transfers himself in thought with a will free from the impulses of the sensibility into an order of things wholly different from that of his desires in the field of the sensibility; since he cannot expect to obtain by that wish any gratification of his desires, nor any position which would satisfy any of his actual or supposable inclinations (for this would destroy the pre-eminence of the very idea which wrests that wish from him): he can only expect a greater intrinsic worth of his own person. This better person, however, he imagines himself to be when he transfers himself to the point of view of a member of the world of the understanding, to which he is involuntarily forced by the idea of freedom, i.e., of independence on determining causes of the world of sense; and from this point of view he is conscious of a good will, which by his own confession constitutes the law for the bad will that he possesses as a member of the world of sense— a law whose authority he recognizes while transgressing it. What he morally “ought” is then what he necessarily “would,” as a member of the world of the understanding, and is conceived by him as an “ought” only inasmuch as he likewise considers himself as a member of the world of sense.

Of the Extreme Limits of all Practical Philosophy.

All men attribute to themselves freedom of will. Hence come all judgements upon actions as being such as ought to have been done, although they have not been done. However, this freedom is not a conception of experience, nor can it be so, since it still remains, even though experience shows the contrary of what on supposition of freedom are conceived as its necessary consequences. On the

other side it is equally necessary that everything that takes place should be fixedly determined according to laws of nature. This necessity of nature is likewise not an empirical conception, just for this reason, that it involves the notion of necessity and consequently of a priori cognition. But this conception of a system of nature is confirmed by experience; and it must even be inevitably presupposed if experience itself is to be possible, that is, a connected knowledge of the objects of sense resting on general laws. Therefore freedom is only an idea of reason, and its objective reality in itself is doubtful; while nature is a concept of the understanding which proves, and must necessarily prove, its reality in examples of experience.

There arises from this a dialectic of reason, since the freedom attributed to the will appears to contradict the necessity of nature, and placed between these two ways reason for speculative purposes finds the road of physical necessity much more beaten and more appropriate than that of freedom; yet for practical purposes the narrow footpath of freedom is the only one on which it is possible to make use of reason in our conduct; hence it is just as impossible for the subtlest philosophy as for the commonest reason of men to argue away freedom. Philosophy must then assume that no real contradiction will be found between freedom and physical necessity of the same human actions, for it cannot give up the conception of nature any more than that of freedom.

Nevertheless, even though we should never be able to comprehend how freedom is possible, we must at least remove this apparent contradiction in a convincing manner. For if the thought of freedom contradicts either itself or nature, which is equally necessary, it must in competition with physical necessity be entirely given up.

It would, however, be impossible to escape this contradiction if the thinking subject, which seems to itself free, conceived itself in the same sense or in the very same relation when it calls itself free as when in respect of the same action it assumes itself to be subject to the law of nature. Hence it is an indispensable problem

of speculative philosophy to show that its illusion respecting the contradiction rests on this, that we think of man in a different sense and relation when we call him free and when we regard him as subject to the laws of nature as being part and parcel of nature. It must therefore show that not only can both these very well co-exist, but that both must be thought as necessarily united in the same subject, since otherwise no reason could be given why we should burden reason with an idea which, though it may possibly without contradiction be reconciled with another that is sufficiently established, yet entangles us in a perplexity which sorely embarrasses reason in its theoretic employment. This duty, however, belongs only to speculative philosophy. The philosopher then has no option whether he will remove the apparent contradiction or leave it untouched; for in the latter case the theory respecting this would be *bonum vacans*, into the possession of which the fatalist would have a right to enter and chase all morality out of its supposed domain as occupying it without title.

We cannot however as yet say that we are touching the bounds of practical philosophy. For the settlement of that controversy does not belong to it; it only demands from speculative reason that it should put an end to the discord in which it entangles itself in theoretical questions, so that practical reason may have rest and security from external attacks which might make the ground debatable on which it desires to build.

The claims to freedom of will made even by common reason are founded on the consciousness and the admitted supposition that reason is independent of merely subjectively determined causes which together constitute what belongs to sensation only and which consequently come under the general designation of sensibility. Man considering himself in this way as an intelligence places himself thereby in a different order of things and in a relation to determining grounds of a wholly different kind when on the one hand he thinks of himself as an intelligence endowed with a will, and consequently with causality, and when on the other he perceives himself as a phenomenon in the world of sense (as he

really is also), and affirms that his causality is subject to external determination according to laws of nature. Now he soon becomes aware that both can hold good, nay, must hold good at the same time. For there is not the smallest contradiction in saying that a thing in appearance (belonging to the world of sense) is subject to certain laws, of which the very same as a thing or being in itself is independent, and that he must conceive and think of himself in this twofold way, rests as to the first on the consciousness of himself as an object affected through the senses, and as to the second on the consciousness of himself as an intelligence, i.e., as independent on sensible impressions in the employment of his reason (in other words as belonging to the world of understanding).

Hence it comes to pass that man claims the possession of a will which takes no account of anything that comes under the head of desires and inclinations and, on the contrary, conceives actions as possible to him, nay, even as necessary which can only be done by disregarding all desires and sensible inclinations. The causality of such actions lies in him as an intelligence and in the laws of effects and actions [which depend] on the principles of an intelligible world, of which indeed he knows nothing more than that in it pure reason alone independent of sensibility gives the law; moreover since it is only in that world, as an intelligence, that he is his proper self (being as man only the appearance of himself), those laws apply to him directly and categorically, so that the incitements of inclinations and appetites (in other words the whole nature of the world of sense) cannot impair the laws of his volition as an intelligence. Nay, he does not even hold himself responsible for the former or ascribe them to his proper self, i.e., his will: he only ascribes to his will any indulgence which he might yield them if he allowed them to influence his maxims to the prejudice of the rational laws of the will.

When practical reason thinks itself into a world of understanding, it does not thereby transcend its own limits, as it would if it tried to enter it by intuition or sensation. The former is only a negative thought in respect of the world of sense, which does not give any

laws to reason in determining the will and is positive only in this single point that this freedom as a negative characteristic is at the same time conjoined with a (positive) faculty and even with a causality of reason, which we designate a will, namely a faculty of so acting that the principle of the actions shall conform to the essential character of a rational motive, i.e., the condition that the maxim have universal validity as a law. But were it to borrow an object of will, that is, a motive, from the world of understanding, then it would overstep its bounds and pretend to be acquainted with something of which it knows nothing. The conception of a world of the understanding is then only a point of view which reason finds itself compelled to take outside the appearances in order to conceive itself as practical, which would not be possible if the influences of the sensibility had a determining power on man, but which is necessary unless he is to be denied the consciousness of himself as an intelligence and, consequently, as a rational cause, energizing by reason, that is, operating freely. This thought certainly involves the idea of an order and a system of laws different from that of the mechanism of nature which belongs to the sensible world; and it makes the conception of an intelligible world necessary (that is to say, the whole system of rational beings as things in themselves). But it does not in the least authorize us to think of it further than as to its formal condition only, that is, the universality of the maxims of the will as laws, and consequently the autonomy of the latter, which alone is consistent with its freedom; whereas, on the contrary, all laws that refer to a definite object give heteronomy, which only belongs to laws of nature and can only apply to the sensible world.

But reason would overstep all its bounds if it undertook to explain how pure reason can be practical, which would be exactly the same problem as to explain how freedom is possible.

For we can explain nothing but that which we can reduce to laws, the object of which can be given in some possible experience. But freedom is a mere idea, the objective reality of which can in no wise be shown according to laws of nature, and consequently

not in any possible experience; and for this reason it can never be comprehended or understood, because we cannot support it by any sort of example or analogy. It holds good only as a necessary hypothesis of reason in a being that believes itself conscious of a will, that is, of a faculty distinct from mere desire (namely, a faculty of determining itself to action as an intelligence, in other words, by laws of reason independently on natural instincts). Now where determination according to laws of nature ceases, there all explanation ceases also, and nothing remains but defence, i.e., the removal of the objections of those who pretend to have seen deeper into the nature of things, and thereupon boldly declare freedom impossible. We can only point out to them that the supposed contradiction that they have discovered in it arises only from this, that in order to be able to apply the law of nature to human actions, they must necessarily consider man as an appearance: then when we demand of them that they should also think of him qua intelligence as a thing in itself, they still persist in considering him in this respect also as an appearance. In this view it would no doubt be a contradiction to suppose the causality of the same subject (that is, his will) to be withdrawn from all the natural laws of the sensible world. But this contradiction disappears, if they would only bethink themselves and admit, as is reasonable, that behind the appearances there must also lie at their root (although hidden) the things in themselves, and that we cannot expect the laws of these to be the same as those that govern their appearances.

The subjective impossibility of explaining the freedom of the will is identical with the impossibility of discovering and explaining an interest \* which man can take in the moral law. Nevertheless he does actually take an interest in it, the basis of which in us we call the moral feeling, which some have falsely assigned as the standard of our moral judgement, whereas it must rather be viewed as the subjective effect that the law exercises on the will, the objective principle of which is furnished by reason alone.

\* Interest is that by which reason becomes practical, i.e., a cause determining the will. Hence we say of rational beings only that

they take an interest in a thing; irrational beings only feel sensual appetites. Reason takes a direct interest in action then only when the universal validity of its maxims is alone sufficient to determine the will. Such an interest alone is pure. But if it can determine the will only by means of another object of desire or on the suggestion of a particular feeling of the subject, then reason takes only an indirect interest in the action, and, as reason by itself without experience cannot discover either objects of the will or a special feeling actuating it, this latter interest would only be empirical and not a pure rational interest. The logical interest of reason (namely, to extend its insight) is never direct, but presupposes purposes for which reason is employed.

In order indeed that a rational being who is also affected through the senses should will what reason alone directs such beings that they ought to will, it is no doubt requisite that reason should have a power to infuse a feeling of pleasure or satisfaction in the fulfilment of duty, that is to say, that it should have a causality by which it determines the sensibility according to its own principles. But it is quite impossible to discern, i.e., to make it intelligible a priori, how a mere thought, which itself contains nothing sensible, can itself produce a sensation of pleasure or pain; for this is a particular kind of causality of which as of every other causality we can determine nothing whatever a priori; we must only consult experience about it. But as this cannot supply us with any relation of cause and effect except between two objects of experience, whereas in this case, although indeed the effect produced lies within experience, yet the cause is supposed to be pure reason acting through mere ideas which offer no object to experience, it follows that for us men it is quite impossible to explain how and why the universality of the maxim as a law, that is, morality, interests. This only is certain, that it is not because it interests us that it has validity for us (for that would be heteronomy and dependence of practical reason on sensibility, namely, on a feeling as its principle, in which case it could never give moral laws), but that it interests us because it is valid for us as men, inasmuch as it had its source in our will as intelligences, in other

words, in our proper self, and what belongs to mere appearance is necessarily subordinated by reason to the nature of the thing in itself.

The question then, “How a categorical imperative is possible,” can be answered to this extent, that we can assign the only hypothesis on which it is possible, namely, the idea of freedom; and we can also discern the necessity of this hypothesis, and this is sufficient for the practical exercise of reason, that is, for the conviction of the validity of this imperative, and hence of the moral law; but how this hypothesis itself is possible can never be discerned by any human reason. On the hypothesis, however, that the will of an intelligence is free, its autonomy, as the essential formal condition of its determination, is a necessary consequence. Moreover, this freedom of will is not merely quite possible as a hypothesis (not involving any contradiction to the principle of physical necessity in the connexion of the phenomena of the sensible world) as speculative philosophy can show: but further, a rational being who is conscious of causality through reason, that is to say, of a will (distinct from desires), must of necessity make it practically, that is, in idea, the condition of all his voluntary actions. But to explain how pure reason can be of itself practical without the aid of any spring of action that could be derived from any other source, i.e., how the mere principle of the universal validity of all its maxims as laws (which would certainly be the form of a pure practical reason) can of itself supply a spring, without any matter (object) of the will in which one could antecedently take any interest; and how it can produce an interest which would be called purely moral; or in other words, how pure reason can be practical- to explain this is beyond the power of human reason, and all the labour and pains of seeking an explanation of it are lost.

It is just the same as if I sought to find out how freedom itself is possible as the causality of a will. For then I quit the ground of philosophical explanation, and I have no other to go upon. I might indeed revel in the world of intelligences which still remains to me, but although I have an idea of it which is well founded, yet I have

not the least knowledge of it, nor an I ever attain to such knowledge with all the efforts of my natural faculty of reason. It signifies only a something that remains over when I have eliminated everything belonging to the world of sense from the actuating principles of my will, serving merely to keep in bounds the principle of motives taken from the field of sensibility; fixing its limits and showing that it does not contain all in all within itself, but that there is more beyond it; but this something more I know no further. Of pure reason which frames this ideal, there remains after the abstraction of all matter, i.e., knowledge of objects, nothing but the form, namely, the practical law of the universality of the maxims, and in conformity with this conception of reason in reference to a pure world of understanding as a possible efficient cause, that is a cause determining the will. There must here be a total absence of springs; unless this idea of an intelligible world is itself the spring, or that in which reason primarily takes an interest; but to make this intelligible is precisely the problem that we cannot solve.

Here now is the extreme limit of all moral inquiry, and it is of great importance to determine it even on this account, in order that reason may not on the one hand, to the prejudice of morals, seek about in the world of sense for the supreme motive and an interest comprehensible but empirical; and on the other hand, that it may not impotently flap its wings without being able to move in the (for it) empty space of transcendent concepts which we call the intelligible world, and so lose itself amidst chimeras. For the rest, the idea of a pure world of understanding as a system of all intelligences, and to which we ourselves as rational beings belong (although we are likewise on the other side members of the sensible world), this remains always a useful and legitimate idea for the purposes of rational belief, although all knowledge stops at its threshold, useful, namely, to produce in us a lively interest in the moral law by means of the noble ideal of a universal kingdom of ends in themselves (rational beings), to which we can belong as members then only when we carefully conduct ourselves according to the maxims of freedom as if they were laws of nature.

### Concluding Remark

The speculative employment of reason with respect to nature leads to the absolute necessity of some supreme cause of the world: the practical employment of reason with a view to freedom leads also to absolute necessity, but only of the laws of the actions of a rational being as such. Now it is an essential principle of reason, however employed, to push its knowledge to a consciousness of its necessity (without which it would not be rational knowledge). It is, however, an equally essential restriction of the same reason that it can neither discern the necessity of what is or what happens, nor of what ought to happen, unless a condition is supposed on which it is or happens or ought to happen. In this way, however, by the constant inquiry for the condition, the satisfaction of reason is only further and further postponed. Hence it unceasingly seeks the unconditionally necessary and finds itself forced to assume it, although without any means of making it comprehensible to itself, happy enough if only it can discover a conception which agrees with this assumption. It is therefore no fault in our deduction of the supreme principle of morality, but an objection that should be made to human reason in general, that it cannot enable us to conceive the absolute necessity of an unconditional practical law (such as the categorical imperative must be). It cannot be blamed for refusing to explain this necessity by a condition, that is to say, by means of some interest assumed as a basis, since the law would then cease to be a supreme law of reason. And thus while we do not comprehend the practical unconditional necessity of the moral imperative, we yet comprehend its incomprehensibility, and this is all that can be fairly demanded of a philosophy which strives to carry its principles up to the very limit of human reason.

*THE END*

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# 27. Jeremy Bentham: Morals and Legislation

## The Reading Selection from *Morals and Legislation*

### Of the Principle of Utility

*Chapter I–i.* Nature has placed mankind under the governance of two sovereign masters, pain and pleasure. It is for them alone to point out what we ought to do, as well as to determine what we shall do. On the one hand the standard of right and wrong, on the other the chain of causes and effects, are fastened to their throne. They govern us in all we do, in all we say, in all we think: every effort we can make to throw off our subjection, will serve but to demonstrate and confirm it. In words a man may pretend to abjure their empire: but in reality he will remain. subject to it all the while. The principle of utility recognizes this subjection, and assumes it for the foundation of that system, the object of which is to rear the fabric of felicity by the hands of reason and of law. Systems which attempt to question it, deal in sounds instead of sense, in caprice instead of reason, in darkness instead of light.

But enough of metaphor and declamation: it is not by such means that moral science is to be improved.

*Chapter I–ii.*The principle of utility is the foundation of the present work: it will be proper therefore at the outset to give an explicit and determinate account of what is meant by it. By the principle of utility is meant that principle which approves or disapproves of every action whatsoever. according to the tendency

it appears to have to augment or diminish the happiness of the party whose interest is in question: or, what is the same thing in other words to promote or to oppose that happiness. I say of every action whatsoever, and therefore not only of every action of a private individual, but of every measure of government.

*Chapter I–iii.* By utility is meant that property in any object, whereby it tends to produce benefit, advantage, pleasure, good, or happiness, (all this in the present case comes to the same thing) or (what comes again to the same thing) to prevent the happening of mischief, pain, evil, or unhappiness to the party whose interest is considered: if that party be the community in general, then the happiness of the community: if a particular individual, then the happiness of that individual.

*Chapter I–iv.* The interest of the community is one of the most general expressions that can occur in the phraseology of morals: no wonder that the meaning of it is often lost. When it has a meaning, it is this. The community is a fictitious body, composed of the individual persons who are considered as constituting as it were its members. The interest of the community then is, what is it?—the sum of the interests of the several members who compose it.

*Chapter I–v.* It is in vain to talk of the interest of the community, without understanding what is the interest of the individual. A thing is said to promote the interest, or to be for the interest, of an individual, when it tends to add to the sum total of his pleasures: or, what comes to the same thing, to diminish the sum total of his pains.

*Chapter I–vi.* An action then may be said to be conformable to then principle of utility, or, for shortness sake, to utility, (meaning with respect to the community at large) when the tendency it has to augment the happiness of the community is greater than any it has to diminish it.

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**From the reading..**

“The principle of asceticism never was, nor ever can be, consistently pursued by any living creature. Let but one tenth part of the inhabitants of this earth pursue it consistently, and in a day’s time they will have turned it into a hell!”

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*Chapter I–vii.* A measure of government (which is but a particular kind of action, performed by a particular person or persons) may be said to be conformable to or dictated by the principle of utility, when in like manner the tendency which it has to augment the happiness of the community is greater than any which it has to diminish it. ...

*Chapter I–viii.* Of an action that is conformable to the principle of utility one may always say either that it is one that ought to be done, or at least that it is not one that ought not to be done. One may say also, that it is right it should be done; at least that it is not wrong it should be done: that it is a right action; at least that it is not a wrong action. When thus interpreted, the words ought, and right and wrong and others of that stamp, have a meaning: when otherwise, they have none. ...



*A Tea Resale Establishment near Lincoln's Inn Fields, where Bentham studied law after Oxford, Library of Congress*

## Of Principles Adverse to that of Utility

*Chapter II–ii.* A principle may be different from that of utility in two ways: 1. By being constantly opposed to it: this is the case with a principle which may be termed the principle of asceticism. 2. By being sometimes opposed to it, and sometimes not, as it may happen: this is the case with another, which may be termed the principle of sympathy and antipathy.

*Chapter II–iii.* By the principle of asceticism I mean that principle, which, like the principle of utility, approves or disapproves of any action, according to the tendency which it appears to have to augment or diminish the happiness of the party whose interest is in question; but in an inverse manner: approving of actions in as far as they tend to diminish his happiness; disapproving of them in as far as they tend to augment it. ...

*Chapter II–ix.* The principle of asceticism seems originally to have been the reverie of certain hasty speculators, who having perceived, or fancied, that certain pleasures, when reaped in certain circumstances, have, at the long run, been attended with pains more than equivalent to them, took occasion to quarrel with every thing that offered itself under the name of pleasure. Having then got thus far, and having forgot the point which they set out from, they pushed on, and went so much further as to think it meritorious to fall in love with pain. Even this, we see, is at bottom but the principle of utility misapplied.

*Chapter II–x.* The principle of utility is capable of being consistently pursued; and it is but tautology to say, that the more consistently it is pursued, the better it must ever be for human-kind. The principle of asceticism never was, nor ever can be, consistently pursued by any living creature. Let but one tenth part of the inhabitants of this earth pursue it consistently, and in a day's time they will have turned it into a hell.

*Chapter II–xi.* Among principles adverse to that of utility, that which at this day seems to have most influence in matters of

government, is what may be called the principle of sympathy and antipathy. By the principle of sympathy and antipathy, I mean that principle which approves or disapproves of certain actions, not on account of their tending to augment the happiness, nor yet on account of their tending to diminish the happiness of the party whose interest is in question, but merely because a man finds himself disposed to approve or disapprove of them: holding up that approbation or disapprobation as a sufficient reason for itself, and disclaiming the necessity of looking out for any extrinsic ground. Thus far in the general department of morals: and in the particular department of politics, measuring out the quantum (as well as determining the ground) of punishment, by the degree of the disapprobation.

*Chapter II—xii.* It is manifest, that this is rather a principle in name than in reality: it is not a positive principle of itself, so much as a term employed to signify the negation of all principle. What one expects to find in a principle is something that points out some external consideration, as a means of warranting and guiding the internal sentiments of approbation and disapprobation: this expectation is but ill fulfilled by a proposition, which does neither more nor less than hold up each of those sentiments as a ground and standard for itself.

*Chapter II—xiii.* In looking over the catalogue of human actions (says a partizan of this principle) in order to determine which of them are to be marked with the seal of disapprobation, you need but to take counsel of your own feelings: whatever you find in yourself a propensity to condemn, is wrong for that very reason. For the same reason it is also meet for punishment: in what proportion it is adverse to utility, or whether it be adverse to utility at all, is a matter that makes no difference. In that same proportion also is it meet for punishment: if you hate much, punish much: if you hate little, punish little: punish as you hate. If you hate not at all, punish not at all: the fine feelings of the soul are not to be overborne and tyrannized by the harsh and rugged dictates of political utility.

*Chapter II—xiv.* The various systems that have been formed

concerning the standard of right may all be reduced to the principle of sympathy and antipathy. One account may serve to for all of them. They consist all of them in so many contrivances for avoiding the obligation of appealing to any external standard, and for prevailing upon the reader to accept of the author's sentiment or opinion as a reason for itself.

## Value of a Lot of Pleasure or Pain

*Chapter IV–i.* Pleasures then, and the avoidance of pains, are the ends that the legislator has in view; it behooves him therefore to understand their value. Pleasures and pains are the instruments he has to work with: it behooves him therefore to understand their force, which is again, in other words, their value.

*Chapter IV–ii.* To a person considered by himself, the value of a pleasure or pain considered by itself, will be greater or less, according to the four following circumstances:

1. Its intensity.
2. Its duration.
3. Its certainty or uncertainty.
4. Its propinquity or remoteness.



*Chapter IV–iii.* These are the circumstances which are to be considered in estimating a pleasure or a pain considered each of them by itself. But when the value of any pleasure or pain is considered for the purpose of estimating the tendency of any act by which it is produced, there are two other circumstances to be taken into the account; these are,

5. Its fecundity, or the chance it has of being followed by sensations of the same kind: that is, pleasures, if it be a pleasure: pains, if it be a pain.

6. Its purity, or the chance it has of not being followed by sensations of the opposite kind: that is, pains, if it be a pleasure: pleasures, if it be a pain.

These two last, however, are in strictness scarcely to be deemed properties of the pleasure or the pain itself; they are not, therefore, in strictness to be taken into the account of the value of that pleasure or that pain. They are in strictness to be deemed properties only of the act, or other event, by which such pleasure or pain has been produced; and accordingly are only to be taken into the account of the tendency of such act or such event.

*Chapter IV–iv.* To a number of persons, with reference to each of whom to the value of a pleasure or a pain is considered, it will be greater or less, according to seven circumstances: to wit, the six preceding ones; viz.

1. Its intensity.
2. Its duration.
3. Its certainty or uncertainty.
4. Its propinquity or remoteness.
5. Its fecundity.
6. Its purity.

And one other; to wit:

7. Its extent;

that is, the number of persons to whom it extends; or (in other words) who are affected by it.

*Chapter IV–v.* To take an exact account then of the general tendency of any act, by which the interests of a community are affected, proceed as follows. Begin with any one person of those whose interests seem most immediately to be affected by it: and take an account,

1. Of the value of each distinguishable pleasure which appears to be produced by it in the first instance.

2. Of the value of each pain which appears to be produced by it in the first instance.

3. Of the value of each pleasure which appears to be produced by it after the first. This constitutes the fecundity of the first pleasure and the impurity of the first pain.

4. Of the value of each pain which appears to be produced by it after the first. This constitutes the fecundity of the first pain, and the impurity of the first pleasure.

5. Sum up all the values of all the pleasures on the one side, and those of all the pains on the other. The balance, if it be on the side of pleasure, will give the good tendency of the act upon the whole, with respect to the interests of that individual person; if on the side of pain, the bad tendency of it upon the whole.

6. Take an account of the number of persons whose interests appear to be concerned; and repeat the above process with respect to each. Sum up the numbers expressive of the degrees of good tendency, which the act has, with respect to each individual, in regard to whom the tendency of it is good upon the whole: do this again with respect to each individual, in regard to whom the tendency of it is good upon the whole: do this again with respect to each individual, in regard to whom the tendency of it is bad upon the whole. Take the balance which if on the side of pleasure, will give the general good tendency of the act, with respect to the total number or community of individuals concerned; if on the side of pain, the general evil tendency, with respect to the same community.

*Chapter IV–vi.* It is not to be expected that this process should

be strictly pursued previously to every moral judgment, or to every legislative or judicial operation. It may, however, be always kept in view: and as near as the process actually pursued on these occasions approaches to it, so near will such process approach to the character of an exact one.

*Chapter IV–vii.* The same process is alike applicable to pleasure and pain, in whatever shape they appear: and by whatever denomination they are distinguished: to pleasure, whether it be called good (which is properly the cause or instrument of pleasure) or profit (which is distant pleasure, or the cause or instrument of, distant pleasure,) or convenience, or advantage, benefit, emolument, happiness, and so forth: to pain, whether it be called evil, (which corresponds to good) or mischief, or inconvenience. or disadvantage, or loss, or unhappiness, and so forth. ...

## Of Motives

*Chapter X–ix.* No motives either constantly good or constantly bad. In all this chain of motives, the principal or original link seems to be the last internal motive in prospect: it is to this that all the other motives in prospect owe their materiality: and the immediately acting motive its existence. This motive in prospect, we see, is always some pleasure, or some pain; some pleasure, which the act in question is expected to be a means of continuing or producing: some pain which it is expected to be a means of discontinuing or preventing. A motive is substantially nothing more than pleasure or pain, operating in a certain manner.

*Chapter X–x.* Now, pleasure is in itself a good: nay, even setting aside immunity from pain, the only good: pain is in itself an evil; and, indeed, without exception, the only evil; or else the words good and evil have no meaning. And this is alike true of every sort of pain, and of every sort of pleasure. It follows, therefore, immediately and

incontestably, that there is no such thing as any sort of motive that is in itself a bad one.



*General View and High Street, Oxford, England, Library of Congress*

*Chapter X–xi.* It is common, however, to speak of actions as proceeding from good or bad motives: in which case the motives meant are such as are internal. The expression is far from being an accurate one; and as it is apt to occur in the consideration of most every kind of offence, it will be requisite to settle the precise meaning of it, and observe how far it quadrates with the truth of things.

*Chapter X–xii.* With respect to goodness and badness, as it is with very thing else that is not itself either pain or pleasure, so is it with motives. If they are good or bad, it is only on account of their effects: good, on account of their tendency to produce pleasure, or avert pain: bad, on account of their tendency to produce pain, or avert pleasure. Now the case is, that from one and the same motive, and from every kind of motive, may proceed actions that are good, others that are bad, and others that are indifferent. ...

*Chapter X–xxix.* It appears then that there is no such thing as any sort of motive which is a bad one in itself: nor, consequently, any such thing as a sort of motive, which in itself is exclusively a good

one. And as to their effects, it appears too that these are sometimes bad, at other times either indifferent or good: and this appears to be the case with every sort of motive. If any sort of motive then is either good or bad on the score of its effects, this is the case only on individual occasions, and with individual motives; and this is the case with one sort of motive as well as with another. If any sort of motive then can, in consideration of its effects, be termed with any propriety a bad one, it can only be with reference to the balance of all the effects it may have had of both kinds within a given period, that is, of its most usual tendency.

*Chapter X–xxx.* What then? (it will be said) are not lust, cruelty, avarice, bad motives? Is there so much as any one individual occasion, in which motives like these can be otherwise than bad? No, certainly: and yet the proposition, that there is no one sort of motive but what will on many occasions be a good one, is nevertheless true. The fact is, that these are names which, if properly applied, are never applied but in the cases where the motives they signify happen to be bad. The names of those motives, considered apart from their effects, are sexual desire, displeasure, and pecuniary interest. To sexual desire, when the effects of it are looked upon as bad, is given the name of lust. Now lust is always a bad motive. Why? Because if the case be such, that the effects of the motive are not bad, it does not go, or at least ought not to go, by the name of lust. The case is, then, that when I say, “Lust is a bad motive,” it is a proposition that merely concerns the import of the word lust; and which would be false if transferred to the other word used for the same motive, sexual desire. Hence we see the emptiness of all those rhapsodies of common-place morality, which consist in the taking of such names as lust, cruelty, and avarice, and branding them with marks of reprobation: applied to the thing, they are false; applied to the name, they are true indeed, but nugatory. Would you do a real service to mankind, show them the cases in which sexual desire merits the name of lust; displeasure, that of cruelty; and pecuniary interest, that of avarice.

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**From the *Principles of Morals and Legislation*, ch. 13,**  
“All punishment is mischief; all punishment is in itself is evil.”

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# 28. John Stuart Mill: Utilitarianism (Part I)

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# UTILITARIANISM

BY

JOHN STUART MILL

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### UTILITARIANISM.

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#### CHAPTER I.

GENERAL REMARKS. There are few circumstances among those which make up the present condition of human knowledge, more unlike what might have been expected, or more significant of the backward state in which speculation on the most important subjects still lingers, than the little progress which has been made in the decision of the controversy respecting the criterion of right and wrong. From the dawn of philosophy, the question concerning the *summum bonum*, or, what is the same thing, concerning the foundation of morality, has been accounted the main problem in speculative thought, has occupied the most gifted intellects, and divided them into sects and schools, carrying on a vigorous warfare against one another. And after more than two thousand years the same discussions continue, philosophers are still ranged under the same contending banners, and neither thinkers nor mankind at large seem nearer to being unanimous on the subject, than when the youth Socrates listened to the old Protagoras, and asserted (if Plato's dialogue be grounded on a real conversation) the theory of utilitarianism against the popular morality of the so-called sophist.

It is true that similar confusion and uncertainty, and in some cases similar discordance, exist respecting the first principles of all the

sciences, not excepting that which is deemed the most certain of them, mathematics; without much impairing, generally indeed without impairing at all, the trustworthiness of the conclusions of those sciences. An apparent anomaly, the explanation of which is, that the detailed doctrines of a science are not usually deduced from, nor depend for their evidence upon, what are called its first principles. Were it not so, there would be no science more precarious, or whose conclusions were more insufficiently made out, than algebra; which derives none of its certainty from what are commonly taught to learners as its elements, since these, as laid down by some of its most eminent teachers, are as full of fictions as English law, and of mysteries as theology. The truths which are ultimately accepted as the first principles of a science, are really the last results of metaphysical analysis, practised on the elementary notions with which the science is conversant; and their relation to the science is not that of foundations to an edifice, but of roots to a tree, which may perform their office equally well though they be never dug down to and exposed to light. But though in science the particular truths precede the general theory, the contrary might be expected to be the case with a practical art, such as morals or legislation. All action is for the sake of some end, and rules of action, it seems natural to suppose, must take their whole character and colour from the end to which they are subservient. When we engage in a pursuit, a clear and precise conception of what we are pursuing would seem to be the first thing we need, instead of the last we are to look forward to. A test of right and wrong must be the means, one would think, of ascertaining what is right or wrong, and not a consequence of having already ascertained it.

The difficulty is not avoided by having recourse to the popular theory of a natural faculty, a sense or instinct, informing us of right and wrong. For—besides that the existence of such a moral instinct is itself one of the matters in dispute—those believers in it who have any pretensions to philosophy, have been obliged to abandon the idea that it discerns what is right or wrong in the particular case in hand, as our other senses discern the sight or sound actually

present. Our moral faculty, according to all those of its interpreters who are entitled to the name of thinkers, supplies us only with the general principles of moral judgments; it is a branch of our reason, not of our sensitive faculty; and must be looked to for the abstract doctrines of morality, not for perception of it in the concrete. The intuitive, no less than what may be termed the inductive, school of ethics, insists on the necessity of general laws. They both agree that the morality of an individual action is not a question of direct perception, but of the application of a law to an individual case. They recognise also, to a great extent, the same moral laws; but differ as to their evidence, and the source from which they derive their authority. According to the one opinion, the principles of morals are evident *à priori*, requiring nothing to command assent, except that the meaning of the terms be understood. According to the other doctrine, right and wrong, as well as truth and falsehood, are questions of observation and experience. But both hold equally that morality must be deduced from principles; and the intuitive school affirm as strongly as the inductive, that there is a science of morals. Yet they seldom attempt to make out a list of the *à priori* principles which are to serve as the premises of the science; still more rarely do they make any effort to reduce those various principles to one first principle, or common ground of obligation. They either assume the ordinary precepts of morals as of *à priori* authority, or they lay down as the common groundwork of those maxims, some generality much less obviously authoritative than the maxims themselves, and which has never succeeded in gaining popular acceptance. Yet to support their pretensions there ought either to be some one fundamental principle or law, at the root of all morality, or if there be several, there should be a determinate order of precedence among them; and the one principle, or the rule for deciding between the various principles when they conflict, ought to be self-evident.

To inquire how far the bad effects of this deficiency have been mitigated in practice, or to what extent the moral beliefs of mankind have been vitiated or made uncertain by the absence of any distinct recognition of an ultimate standard, would imply a complete survey

and criticism of past and present ethical doctrine. It would, however, be easy to show that whatever steadiness or consistency these moral beliefs have attained, has been mainly due to the tacit influence of a standard not recognised. Although the non-existence of an acknowledged first principle has made ethics not so much a guide as a consecration of men's actual sentiments, still, as men's sentiments, both of favour and of aversion, are greatly influenced by what they suppose to be the effects of things upon their happiness, the principle of utility, or as Bentham latterly called it, the greatest happiness principle, has had a large share in forming the moral doctrines even of those who most scornfully reject its authority. Nor is there any school of thought which refuses to admit that the influence of actions on happiness is a most material and even predominant consideration in many of the details of morals, however unwilling to acknowledge it as the fundamental principle of morality, and the source of moral obligation. I might go much further, and say that to all those *à priori* moralists who deem it necessary to argue at all, utilitarian arguments are indispensable. It is not my present purpose to criticise these thinkers; but I cannot help referring, for illustration, to a systematic treatise by one of the most illustrious of them, the *Metaphysics of Ethics*, by Kant. This remarkable man, whose system of thought will long remain one of the landmarks in the history of philosophical speculation, does, in the treatise in question, lay down an universal first principle as the origin and ground of moral obligation; it is this:—'So act, that the rule on which thou actest would admit of being adopted as a law by all rational beings.' But when he begins to deduce from this precept any of the actual duties of morality, he fails, almost grotesquely, to show that there would be any contradiction, any logical (not to say physical) impossibility, in the adoption by all rational beings of the most outrageously immoral rules of conduct. All he shows is that the *consequences* of their universal adoption would be such as no one would choose to incur.

On the present occasion, I shall, without further discussion of the other theories, attempt to contribute something towards the

understanding and appreciation of the Utilitarian or Happiness theory, and towards such proof as it is susceptible of. It is evident that this cannot be proof in the ordinary and popular meaning of the term. Questions of ultimate ends are not amenable to direct proof. Whatever can be proved to be good, must be so by being shown to be a means to something admitted to be good without proof. The medical art is proved to be good, by its conducing to health; but how is it possible to prove that health is good? The art of music is good, for the reason, among others, that it produces pleasure; but what proof is it possible to give that pleasure is good? If, then, it is asserted that there is a comprehensive formula, including all things which are in themselves good, and that whatever else is good, is not so as an end, but as a mean, the formula may be accepted or rejected, but is not a subject of what is commonly understood by proof. We are not, however, to infer that its acceptance or rejection must depend on blind impulse, or arbitrary choice. There is a larger meaning of the word proof, in which this question is as amenable to it as any other of the disputed questions of philosophy. The subject is within the cognizance of the rational faculty; and neither does that faculty deal with it solely in the way of intuition. Considerations may be presented capable of determining the intellect either to give or withhold its assent to the doctrine; and this is equivalent to proof.

We shall examine presently of what nature are these considerations; in what manner they apply to the case, and what rational grounds, therefore, can be given for accepting or rejecting the utilitarian formula. But it is a preliminary condition of rational acceptance or rejection, that the formula should be correctly understood. I believe that the very imperfect notion ordinarily formed of its meaning, is the chief obstacle which impedes its reception; and that could it be cleared, even from only the grosser misconceptions, the question would be greatly simplified, and a large proportion of its difficulties removed. Before, therefore, I attempt to enter into the philosophical grounds which can be given for assenting to the utilitarian standard, I shall offer some illustrations of the doctrine itself; with the view of showing more

clearly what it is, distinguishing it from what it is not, and disposing of such of the practical objections to it as either originate in, or are closely connected with, mistaken interpretations of its meaning. Having thus prepared the ground, I shall afterwards endeavour to throw such light as I can upon the question, considered as one of philosophical theory.

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## CHAPTER II.

WHAT UTILITARIANISM IS. A passing remark is all that needs be given to the ignorant blunder of supposing that those who stand up for utility as the test of right and wrong, use the term in that restricted and merely colloquial sense in which utility is opposed to pleasure. An apology is due to the philosophical opponents of utilitarianism, for even the momentary appearance of confounding them with any one capable of so absurd a misconception; which is the more extraordinary, inasmuch as the contrary accusation, of referring everything to pleasure, and that too in its grossest form, is another of the common charges against utilitarianism: and, as has been pointedly remarked by an able writer, the same sort of persons, and often the very same persons, denounce the theory “as impracticably dry when the word utility precedes the word pleasure, and as too practicably voluptuous when the word pleasure precedes the word utility.” Those who know anything about the matter are aware that every writer, from Epicurus to Bentham, who maintained the theory of utility, meant by it, not something to be contradistinguished from pleasure, but pleasure itself, together with exemption from pain; and instead of opposing the useful to the agreeable or the ornamental, have always declared that the useful means these, among other things. Yet the common herd, including the herd of writers, not only in newspapers and

periodicals, but in books of weight and pretension, are perpetually falling into this shallow mistake. Having caught up the word utilitarian, while knowing nothing whatever about it but its sound, they habitually express by it the rejection, or the neglect, of pleasure in some of its forms; of beauty, of ornament, or of amusement. Nor is the term thus ignorantly misapplied solely in disparagement, but occasionally in compliment; as though it implied superiority to frivolity and the mere pleasures of the moment. And this perverted use is the only one in which the word is popularly known, and the one from which the new generation are acquiring their sole notion of its meaning. Those who introduced the word, but who had for many years discontinued it as a distinctive appellation, may well feel themselves called upon to resume it, if by doing so they can hope to contribute anything towards rescuing it from this utter degradation.<sup>[A]</sup>

The creed which accepts as the foundation of morals, Utility, or the Greatest Happiness Principle, holds that actions are right in proportion as they tend to promote happiness, wrong as they tend to produce the reverse of happiness. By happiness is intended pleasure, and the absence of pain; by unhappiness, pain, and the privation of pleasure. To give a clear view of the moral standard set up by the theory, much more requires to be said; in particular, what things it includes in the ideas of pain and pleasure; and to what extent this is left an open question. But these supplementary explanations do not affect the theory of life on which this theory of morality is grounded—namely, that pleasure, and freedom from pain, are the only things desirable as ends; and that all desirable things (which are as numerous in the utilitarian as in any other scheme) are desirable either for the pleasure inherent in themselves, or as means to the promotion of pleasure and the prevention of pain.

Now, such a theory of life excites in many minds, and among them in some of the most estimable in feeling and purpose, inveterate dislike. To suppose that life has (as they express it) no higher end than pleasure—no better and nobler object of desire and

pursuit—they designate as utterly mean and grovelling; as a doctrine worthy only of swine, to whom the followers of Epicurus were, at a very early period, contemptuously likened; and modern holders of the doctrine are occasionally made the subject of equally polite comparisons by its German, French, and English assailants.

When thus attacked, the Epicureans have always answered, that it is not they, but their accusers, who represent human nature in a degrading light; since the accusation supposes human beings to be capable of no pleasures except those of which swine are capable. If this supposition were true, the charge could not be gainsaid, but would then be no longer an imputation; for if the sources of pleasure were precisely the same to human beings and to swine, the rule of life which is good enough for the one would be good enough for the other. The comparison of the Epicurean life to that of beasts is felt as degrading, precisely because a beast's pleasures do not satisfy a human being's conceptions of happiness. Human beings have faculties more elevated than the animal appetites, and when once made conscious of them, do not regard anything as happiness which does not include their gratification. I do not, indeed, consider the Epicureans to have been by any means faultless in drawing out their scheme of consequences from the utilitarian principle. To do this in any sufficient manner, many Stoic, as well as Christian elements require to be included. But there is no known Epicurean theory of life which does not assign to the pleasures of the intellect; of the feelings and imagination, and of the moral sentiments, a much higher value as pleasures than to those of mere sensation. It must be admitted, however, that utilitarian writers in general have placed the superiority of mental over bodily pleasures chiefly in the greater permanency, safety, uncostliness, &c., of the former—that is, in their circumstantial advantages rather than in their intrinsic nature. And on all these points utilitarians have fully proved their case; but they might have taken the other, and, as it may be called, higher ground, with entire consistency. It is quite compatible with the principle of utility to recognise the fact, that some *kinds* of pleasure are more desirable and more valuable than others. It would be absurd that

while, in estimating all other things, quality is considered as well as quantity, the estimation of pleasures should be supposed to depend on quantity alone.

If I am asked, what I mean by difference of quality in pleasures, or what makes one pleasure more valuable than another, merely as a pleasure, except its being greater in amount, there is but one possible answer. Of two pleasures, if there be one to which all or almost all who have experience of both give a decided preference, irrespective of any feeling of moral obligation to prefer it, that is the more desirable pleasure. If one of the two is, by those who are competently acquainted with both, placed so far above the other that they prefer it, even though knowing it to be attended with a greater amount of discontent, and would not resign it for any quantity of the other pleasure which their nature is capable of, we are justified in ascribing to the preferred enjoyment a superiority in quality, so far outweighing quantity as to render it, in comparison, of small account.

Now it is an unquestionable fact that those who are equally acquainted with, and equally capable of appreciating and enjoying, both, do give a most marked preference to the manner of existence which employs their higher faculties. Few human creatures would consent to be changed into any of the lower animals, for a promise of the fullest allowance of a beast's pleasures; no intelligent human being would consent to be a fool, no instructed person would be an ignoramus, no person of feeling and conscience would be selfish and base, even though they should be persuaded that the fool, the dunce, or the rascal is better satisfied with his lot than they are with theirs. They would not resign what they possess more than he, for the most complete satisfaction of all the desires which they have in common with him. If they ever fancy they would, it is only in cases of unhappiness so extreme, that to escape from it they would exchange their lot for almost any other, however undesirable in their own eyes. A being of higher faculties requires more to make him happy, is capable probably of more acute suffering, and is certainly accessible to it at more points, than one of an inferior

type; but in spite of these liabilities, he can never really wish to sink into what he feels to be a lower grade of existence. We may give what explanation we please of this unwillingness; we may attribute it to pride, a name which is given indiscriminately to some of the most and to some of the least estimable feelings of which mankind are capable; we may refer it to the love of liberty and personal independence, an appeal to which was with the Stoics one of the most effective means for the inculcation of it; to the love of power, or to the love of excitement, both of which do really enter into and contribute to it: but its most appropriate appellation is a sense of dignity, which all human beings possess in one form or other, and in some, though by no means in exact, proportion to their higher faculties, and which is so essential a part of the happiness of those in whom it is strong, that nothing which conflicts with it could be, otherwise than momentarily, an object of desire to them. Whoever supposes that this preference takes place at a sacrifice of happiness—that the superior being, in anything like equal circumstances, is not happier than the inferior—confounds the two very different ideas, of happiness, and content. It is indisputable that the being whose capacities of enjoyment are low, has the greatest chance of having them fully satisfied; and a highly-endowed being will always feel that any happiness which he can look for, as the world is constituted, is imperfect. But he can learn to bear its imperfections, if they are at all bearable; and they will not make him envy the being who is indeed unconscious of the imperfections, but only because he feels not at all the good which those imperfections qualify. It is better to be a human being dissatisfied than a pig satisfied; better to be Socrates dissatisfied than a fool satisfied. And if the fool, or the pig, is of a different opinion, it is because they only know their own side of the question. The other party to the comparison knows both sides.

It may be objected, that many who are capable of the higher pleasures, occasionally, under the influence of temptation, postpone them to the lower. But this is quite compatible with a full appreciation of the intrinsic superiority of the higher. Men often,

from infirmity of character, make their election for the nearer good, though they know it to be the less valuable; and this no less when the choice is between two bodily pleasures, than when it is between bodily and mental. They pursue sensual indulgences to the injury of health, though perfectly aware that health is the greater good. It may be further objected, that many who begin with youthful enthusiasm for everything noble, as they advance in years sink into indolence and selfishness. But I do not believe that those who undergo this very common change, voluntarily choose the lower description of pleasures in preference to the higher. I believe that before they devote themselves exclusively to the one, they have already become incapable of the other. Capacity for the nobler feelings is in most natures a very tender plant, easily killed, not only by hostile influences, but by mere want of sustenance; and in the majority of young persons it speedily dies away if the occupations to which their position in life has devoted them, and the society into which it has thrown them, are not favourable to keeping that higher capacity in exercise. Men lose their high aspirations as they lose their intellectual tastes, because they have not time or opportunity for indulging them; and they addict themselves to inferior pleasures, not because they deliberately prefer them, but because they are either the only ones to which they have access, or the only ones which they are any longer capable of enjoying. It may be questioned whether any one who has remained equally susceptible to both classes of pleasures, ever knowingly and calmly preferred the lower; though many, in all ages, have broken down in an ineffectual attempt to combine both.

From this verdict of the only competent judges, I apprehend there can be no appeal. On a question which is the best worth having of two pleasures, or which of two modes of existence is the most grateful to the feelings, apart from its moral attributes and from its consequences, the judgment of those who are qualified by knowledge of both, or, if they differ, that of the majority among them, must be admitted as final. And there needs be the less hesitation to accept this judgment respecting the quality of

pleasures, since there is no other tribunal to be referred to even on the question of quantity. What means are there of determining which is the acutest of two pains, or the intensest of two pleasurable sensations, except the general suffrage of those who are familiar with both? Neither pains nor pleasures are homogeneous, and pain is always heterogeneous with pleasure. What is there to decide whether a particular pleasure is worth purchasing at the cost of a particular pain, except the feelings and judgment of the experienced? When, therefore, those feelings and judgment declare the pleasures derived from the higher faculties to be preferable *in kind*, apart from the question of intensity, to those of which the animal nature, disjoined from the higher faculties, is susceptible, they are entitled on this subject to the same regard.

I have dwelt on this point, as being a necessary part of a perfectly just conception of Utility or Happiness, considered as the directive rule of human conduct. But it is by no means an indispensable condition to the acceptance of the utilitarian standard; for that standard is not the agent's own greatest happiness, but the greatest amount of happiness altogether; and if it may possibly be doubted whether a noble character is always the happier for its nobleness, there can be no doubt that it makes other people happier, and that the world in general is immensely a gainer by it. Utilitarianism, therefore, could only attain its end by the general cultivation of nobleness of character, even if each individual were only benefited by the nobleness of others, and his own, so far as happiness is concerned, were a sheer deduction from the benefit. But the bare enunciation of such an absurdity as this last, renders refutation superfluous.

According to the Greatest Happiness Principle, as above explained, the ultimate end, with reference to and for the sake of which all other things are desirable (whether we are considering our own good or that of other people), is an existence exempt as far as possible from pain, and as rich as possible in enjoyments, both in point of quantity and quality; the test of quality, and the rule for measuring it against quantity, being the preference felt by

those who, in their opportunities of experience, to which must be added their habits of self-consciousness and self-observation, are best furnished with the means of comparison. This, being, according to the utilitarian opinion, the end of human action, is necessarily also the standard of morality; which may accordingly be defined, the rules and precepts for human conduct, by the observance of which an existence such as has been described might be, to the greatest extent possible, secured to all mankind; and not to them only, but, so far as the nature of things admits, to the whole sentient creation.

Against this doctrine, however, arises another class of objectors, who say that happiness, in any form, cannot be the rational purpose of human life and action; because, in the first place, it is unattainable: and they contemptuously ask, What right hast thou to be happy? a question which Mr. Carlyle clenches by the addition, What right, a short time ago, hadst thou even to *be*? Next, they say, that men can do *without* happiness; that all noble human beings have felt this, and could not have become noble but by learning the lesson of *Entsagen*, or renunciation; which lesson, thoroughly learnt and submitted to, they affirm to be the beginning and necessary condition of all virtue.

The first of these objections would go to the root of the matter were it well founded; for if no happiness is to be had at all by human beings, the attainment of it cannot be the end of morality, or of any rational conduct. Though, even in that case, something might still be said for the utilitarian theory; since utility includes not solely the pursuit of happiness, but the prevention or mitigation of unhappiness; and if the former aim be chimerical, there will be all the greater scope and more imperative need for the latter, so long at least as mankind think fit to live, and do not take refuge in the simultaneous act of suicide recommended under certain conditions by Novalis. When, however, it is thus positively asserted to be impossible that human life should be happy, the assertion, if not something like a verbal quibble, is at least an exaggeration. If by happiness be meant a continuity of highly pleasurable excitement, it is evident enough that this is impossible. A state of exalted pleasure

lasts only moments, or in some cases, and with some intermissions, hours or days, and is the occasional brilliant flash of enjoyment, not its permanent and steady flame. Of this the philosophers who have taught that happiness is the end of life were as fully aware as those who taunt them. The happiness which they meant was not a life of rapture, but moments of such, in an existence made up of few and transitory pains, many and various pleasures, with a decided predominance of the active over the passive, and having as the foundation of the whole, not to expect more from life than it is capable of bestowing. A life thus composed, to those who have been fortunate enough to obtain it, has always appeared worthy of the name of happiness. And such an existence is even now the lot of many, during some considerable portion of their lives. The present wretched education, and wretched social arrangements, are the only real hindrance to its being attainable by almost all.

The objectors perhaps may doubt whether human beings, if taught to consider happiness as the end of life, would be satisfied with such a moderate share of it. But great numbers of mankind have been satisfied with much less. The main constituents of a satisfied life appear to be two, either of which by itself is often found sufficient for the purpose: tranquillity, and excitement. With much tranquillity, many find that they can be content with very little pleasure: with much excitement, many can reconcile themselves to a considerable quantity of pain. There is assuredly no inherent impossibility in enabling even the mass of mankind to unite both; since the two are so far from being incompatible that they are in natural alliance, the prolongation of either being a preparation for, and exciting a wish for, the other. It is only those in whom indolence amounts to a vice, that do not desire excitement after an interval of repose; it is only those in whom the need of excitement is a disease, that feel the tranquillity which follows excitement dull and insipid, instead of pleasurable in direct proportion to the excitement which preceded it. When people who are tolerably fortunate in their outward lot do not find in life sufficient enjoyment to make it valuable to them, the cause generally is, caring for nobody but

themselves. To those who have neither public nor private affections, the excitements of life are much curtailed, and in any case dwindle in value as the time approaches when all selfish interests must be terminated by death: while those who leave after them objects of personal affection, and especially those who have also cultivated a fellow-feeling with the collective interests of mankind, retain as lively an interest in life on the eve of death as in the vigour of youth and health. Next to selfishness, the principal cause which makes life unsatisfactory, is want of mental cultivation. A cultivated mind—I do not mean that of a philosopher, but any mind to which the fountains of knowledge have been opened, and which has been taught, in any tolerable degree, to exercise its faculties—finds sources of inexhaustible interest in all that surrounds it; in the objects of nature, the achievements of art, the imaginations of poetry, the incidents of history, the ways of mankind past and present, and their prospects in the future. It is possible, indeed, to become indifferent to all this, and that too without having exhausted a thousandth part of it; but only when one has had from the beginning no moral or human interest in these things, and has sought in them only the gratification of curiosity.

Now there is absolutely no reason in the nature of things why an amount of mental culture sufficient to give an intelligent interest in these objects of contemplation, should not be the inheritance of every one born in a civilized country. As little is there an inherent necessity that any human being should be a selfish egotist, devoid of every feeling or care but those which centre in his own miserable individuality. Something far superior to this is sufficiently common even now, to give ample earnest of what the human species may be made. Genuine private affections, and a sincere interest in the public good, are possible, though in unequal degrees, to every rightly brought-up human being. In a world in which there is so much to interest, so much to enjoy, and so much also to correct and improve, every one who has this moderate amount of moral and intellectual requisites is capable of an existence which may be called enviable; and unless such a person, through bad laws,

or subjection to the will of others, is denied the liberty to use the sources of happiness within his reach, he will not fail to find this enviable existence, if he escape the positive evils of life, the great sources of physical and mental suffering—such as indigence, disease, and the unkindness, worthlessness, or premature loss of objects of affection. The main stress of the problem lies, therefore, in the contest with these calamities, from which it is a rare good fortune entirely to escape; which, as things now are, cannot be obviated, and often cannot be in any material degree mitigated. Yet no one whose opinion deserves a moment's consideration can doubt that most of the great positive evils of the world are in themselves removable, and will, if human affairs continue to improve, be in the end reduced within narrow limits. Poverty, in any sense implying suffering, may be completely extinguished by the wisdom of society, combined with the good sense and providence of individuals. Even that most intractable of enemies, disease, may be indefinitely reduced in dimensions by good physical and moral education, and proper control of noxious influences; while the progress of science holds out a promise for the future of still more direct conquests over this detestable foe. And every advance in that direction relieves us from some, not only of the chances which cut short our own lives, but, what concerns us still more, which deprive us of those in whom our happiness is wrapt up. As for vicissitudes of fortune, and other disappointments connected with worldly circumstances, these are principally the effect either of gross imprudence, of ill-regulated desires, or of bad or imperfect social institutions. All the grand sources, in short, of human suffering are in a great degree, many of them almost entirely, conquerable by human care and effort; and though their removal is grievously slow—though a long succession of generations will perish in the breach before the conquest is completed, and this world becomes all that, if will and knowledge were not wanting, it might easily be made—yet every mind sufficiently intelligent and generous to bear a part, however small and unobtrusive, in the endeavour, will draw a noble enjoyment

from the contest itself, which he would not for any bribe in the form of selfish indulgence consent to be without.

And this leads to the true estimation of what is said by the objectors concerning the possibility, and the obligation, of learning to do without happiness. Unquestionably it is possible to do without happiness; it is done involuntarily by nineteen-twentieths of mankind, even in those parts of our present world which are least deep in barbarism; and it often has to be done voluntarily by the hero or the martyr, for the sake of something which he prizes more than his individual happiness. But this something, what is it, unless the happiness of others, or some of the requisites of happiness? It is noble to be capable of resigning entirely one's own portion of happiness, or chances of it: but, after all, this self-sacrifice must be for some end; it is not its own end; and if we are told that its end is not happiness, but virtue, which is better than happiness, I ask, would the sacrifice be made if the hero or martyr did not believe that it would earn for others immunity from similar sacrifices? Would it be made, if he thought that his renunciation of happiness for himself would produce no fruit for any of his fellow creatures, but to make their lot like his, and place them also in the condition of persons who have renounced happiness? All honour to those who can abnegate for themselves the personal enjoyment of life, when by such renunciation they contribute worthily to increase the amount of happiness in the world; but he who does it, or professes to do it, for any other purpose, is no more deserving of admiration than the ascetic mounted on his pillar. He may be an inspiring proof of what men *can* do, but assuredly not an example of what they *should*.

Though it is only in a very imperfect state of the world's arrangements that any one can best serve the happiness of others by the absolute sacrifice of his own, yet so long as the world is in that imperfect state, I fully acknowledge that the readiness to make such a sacrifice is the highest virtue which can be found in man. I will add, that in this condition of the world, paradoxical as the assertion may be, the conscious ability to do without happiness gives the best prospect of realizing such happiness as is attainable.

For nothing except that consciousness can raise a person above the chances of life, by making him feel that, let fate and fortune do their worst, they have not power to subdue him: which, once felt, frees him from excess of anxiety concerning the evils of life, and enables him, like many a Stoic in the worst times of the Roman Empire, to cultivate in tranquillity the sources of satisfaction accessible to him, without concerning himself about the uncertainty of their duration, any more than about their inevitable end.

Meanwhile, let utilitarians never cease to claim the morality of self-devotion as a possession which belongs by as good a right to them, as either to the Stoic or to the Transcendentalist. The utilitarian morality does recognise in human beings the power of sacrificing their own greatest good for the good of others. It only refuses to admit that the sacrifice is itself a good. A sacrifice which does not increase, or tend to increase, the sum total of happiness, it considers as wasted. The only self-renunciation which it applauds, is devotion to the happiness, or to some of the means of happiness, of others; either of mankind collectively, or of individuals within the limits imposed by the collective interests of mankind.

I must again repeat, what the assailants of utilitarianism seldom have the justice to acknowledge, that the happiness which forms the utilitarian standard of what is right in conduct, is not the agent's own happiness, but that of all concerned. As between his own happiness and that of others, utilitarianism requires him to be as strictly impartial as a disinterested and benevolent spectator. In the golden rule of Jesus of Nazareth, we read the complete spirit of the ethics of utility. To do as one would be done by, and to love one's neighbour as oneself, constitute the ideal perfection of utilitarian morality. As the means of making the nearest approach to this ideal, utility would enjoin, first, that laws and social arrangements should place the happiness, or (as speaking practically it may be called) the interest, of every individual, as nearly as possible in harmony with the interest of the whole; and secondly, that education and opinion, which have so vast a power over human character, should so use that power as to establish in the mind of every individual an

indissoluble association between his own happiness and the good of the whole; especially between his own happiness and the practice of such modes of conduct, negative and positive, as regard for the universal happiness prescribes: so that not only he may be unable to conceive the possibility of happiness to himself, consistently with conduct opposed to the general good, but also that a direct impulse to promote the general good may be in every individual one of the habitual motives of action, and the sentiments connected therewith may fill a large and prominent place in every human being's sentient existence. If the impugners of the utilitarian morality represented it to their own minds in this its true character, I know not what recommendation possessed by any other morality they could possibly affirm to be wanting to it: what more beautiful or more exalted developments of human nature any other ethical system can be supposed to foster, or what springs of action, not accessible to the utilitarian, such systems rely on for giving effect to their mandates.

The objectors to utilitarianism cannot always be charged with representing it in a discreditable light. On the contrary, those among them who entertain anything like a just idea of its disinterested character, sometimes find fault with its standard as being too high for humanity. They say it is exacting too much to require that people shall always act from the inducement of promoting the general interests of society. But this is to mistake the very meaning of a standard of morals, and to confound the rule of action with the motive of it. It is the business of ethics to tell us what are our duties, or by what test we may know them; but no system of ethics requires that the sole motive of all we do shall be a feeling of duty; on the contrary, ninety-nine hundredths of all our actions are done from other motives, and rightly so done, if the rule of duty does not condemn them. It is the more unjust to utilitarianism that this particular misapprehension should be made a ground of objection to it, inasmuch as utilitarian moralists have gone beyond almost all others in affirming that the motive has nothing to do with the morality of the action, though much with the worth of the

agent. He who saves a fellow creature from drowning does what is morally right, whether his motive be duty, or the hope of being paid for his trouble: he who betrays the friend that trusts him, is guilty of a crime, even if his object be to serve another friend to whom he is under greater obligations.<sup>[B]</sup> But to speak only of actions done from the motive of duty, and in direct obedience to principle: it is a misapprehension of the utilitarian mode of thought, to conceive it as implying that people should fix their minds upon so wide a generality as the world, or society at large. The great majority of good actions are intended, not for the benefit of the world, but for that of individuals, of which the good of the world is made up; and the thoughts of the most virtuous man need not on these occasions travel beyond the particular persons concerned, except so far as is necessary to assure himself that in benefiting them he is not violating the rights—that is, the legitimate and authorized expectations—of any one else. The multiplication of happiness is, according to the utilitarian ethics, the object of virtue: the occasions on which any person (except one in a thousand) has it in his power to do this on an extended scale, in other words, to be a public benefactor, are but exceptional; and on these occasions alone is he called on to consider public utility; in every other case, private utility, the interest or happiness of some few persons, is all he has to attend to. Those alone the influence of whose actions extends to society in general, need concern themselves habitually about so large an object. In the case of abstinences indeed—of things which people forbear to do, from moral considerations, though the consequences in the particular case might be beneficial—it would be unworthy of an intelligent agent not to be consciously aware that the action is of a class which, if practised generally, would be generally injurious, and that this is the ground of the obligation to abstain from it. The amount of regard for the public interest implied in this recognition, is no greater than is demanded by every system of morals; for they all enjoin to abstain from whatever is manifestly pernicious to society.

The same considerations dispose of another reproach against

the doctrine of utility, founded on a still grosser misconception of the purpose of a standard of morality, and of the very meaning of the words right and wrong. It is often affirmed that utilitarianism renders men cold and unsympathizing; that it chills their moral feelings towards individuals; that it makes them regard only the dry and hard consideration of the consequences of actions, not taking into their moral estimate the qualities from which those actions emanate. If the assertion means that they do not allow their judgment respecting the rightness or wrongness of an action to be influenced by their opinion of the qualities of the person who does it, this is a complaint not against utilitarianism, but against having any standard of morality at all; for certainly no known ethical standard decides an action to be good or bad because it is done by a good or a bad man, still less because done by an amiable, a brave, or a benevolent man or the contrary. These considerations are relevant, not to the estimation of actions, but of persons; and there is nothing in the utilitarian theory inconsistent with the fact that there are other things which interest us in persons besides the rightness and wrongness of their actions. The Stoics, indeed, with the paradoxical misuse of language which was part of their system, and by which they strove to raise themselves above all concern about anything but virtue, were fond of saying that he who has that has everything; that he, and only he, is rich, is beautiful, is a king. But no claim of this description is made for the virtuous man by the utilitarian doctrine. Utilitarians are quite aware that there are other desirable possessions and qualities besides virtue, and are perfectly willing to allow to all of them their full worth. They are also aware that a right action does not necessarily indicate a virtuous character, and that actions which are blameable often proceed from qualities entitled to praise. When this is apparent in any particular case, it modifies their estimation, not certainly of the act, but of the agent. I grant that they are, notwithstanding, of opinion, that in the long run the best proof of a good character is good actions; and resolutely refuse to consider any mental disposition as good, of which the predominant tendency is to produce bad conduct. This

makes them unpopular with many people; but it is an unpopularity which they must share with every one who regards the distinction between right and wrong in a serious light; and the reproach is not one which a conscientious utilitarian need be anxious to repel.

If no more be meant by the objection than that many utilitarians look on the morality of actions, as measured by the utilitarian standard, with too exclusive a regard, and do not lay sufficient stress upon the other beauties of character which go towards making a human being loveable or admirable, this may be admitted. Utilitarians who have cultivated their moral feelings, but not their sympathies nor their artistic perceptions, do fall into this mistake; and so do all other moralists under the same conditions. What can be said in excuse for other moralists is equally available for them, namely, that if there is to be any error, it is better that it should be on that side. As a matter of fact, we may affirm that among utilitarians as among adherents of other systems, there is every imaginable degree of rigidity and of laxity in the application of their standard: some are even puritanically rigorous, while others are as indulgent as can possibly be desired by sinner or by sentimentalist. But on the whole, a doctrine which brings prominently forward the interest that mankind have in the repression and prevention of conduct which violates the moral law, is likely to be inferior to no other in turning the sanctions of opinion against such violations. It is true, the question, What does violate the moral law? is one on which those who recognise different standards of morality are likely now and then to differ. But difference of opinion on moral questions was not first introduced into the world by utilitarianism, while that doctrine does supply, if not always an easy, at all events a tangible and intelligible mode of deciding such differences.

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It may not be superfluous to notice a few more of the common misapprehensions of utilitarian ethics, even those which are so obvious and gross that it might appear impossible for any person

of candour and intelligence to fall into them: since persons, even of considerable mental endowments, often give themselves so little trouble to understand the bearings of any opinion against which they entertain a prejudice, and men are in general so little conscious of this voluntary ignorance as a defect, that the vulgarst misunderstandings of ethical doctrines are continually met with in the deliberate writings of persons of the greatest pretensions both to high principle and to philosophy. We not uncommonly hear the doctrine of utility inveighed against as a *godless* doctrine. If it be necessary to say anything at all against so mere an assumption, we may say that the question depends upon what idea we have formed of the moral character of the Deity. If it be a true belief that God desires, above all things, the happiness of his creatures, and that this was his purpose in their creation, utility is not only not a godless doctrine, but more profoundly religious than any other. If it be meant that utilitarianism does not recognise the revealed will of God as the supreme law of morals, I answer, that an utilitarian who believes in the perfect goodness and wisdom of God, necessarily believes that whatever God has thought fit to reveal on the subject of morals, must fulfil the requirements of utility in a supreme degree. But others besides utilitarians have been of opinion that the Christian revelation was intended, and is fitted, to inform the hearts and minds of mankind with a spirit which should enable them to find for themselves what is right, and incline them to do it when found, rather than to tell them, except in a very general way, what it is: and that we need a doctrine of ethics, carefully followed out, to *interpret* to us the will of God. Whether this opinion is correct or not, it is superfluous here to discuss; since whatever aid religion, either natural or revealed, can afford to ethical investigation, is as open to the utilitarian moralist as to any other. He can use it as the testimony of God to the usefulness or hurtfulness of any given course of action, by as good a right as others can use it for the indication of a transcendental law, having no connexion with usefulness or with happiness.

Again, Utility is often summarily stigmatized as an immoral

doctrine by giving it the name of Expediency, and taking advantage of the popular use of that term to contrast it with Principle. But the Expedient, in the sense in which it is opposed to the Right, generally means that which is expedient for the particular interest of the agent himself: as when a minister sacrifices the interest of his country to keep himself in place. When it means anything better than this, it means that which is expedient for some immediate object, some temporary purpose, but which violates a rule whose observance is expedient in a much higher degree. The Expedient, in this sense, instead of being the same thing with the useful, is a branch of the hurtful. Thus, it would often be expedient, for the purpose of getting over some momentary embarrassment, or attaining some object immediately useful to ourselves or others, to tell a lie. But inasmuch as the cultivation in ourselves of a sensitive feeling on the subject of veracity, is one of the most useful, and the enfeeblement of that feeling one of the most hurtful, things to which our conduct can be instrumental; and inasmuch as any, even unintentional, deviation from truth, does that much towards weakening the trustworthiness of human assertion, which is not only the principal support of all present social well-being, but the insufficiency of which does more than any one thing that can be named to keep back civilisation, virtue, everything on which human happiness on the largest scale depends; we feel that the violation, for a present advantage, of a rule of such transcendent expediency, is not expedient, and that he who, for the sake of a convenience to himself or to some other individual, does what depends on him to deprive mankind of the good, and inflict upon them the evil, involved in the greater or less reliance which they can place in each other's word, acts the part of one of their worst enemies. Yet that even this rule, sacred as it is, admits of possible exceptions, is acknowledged by all moralists; the chief of which is when the withholding of some fact (as of information from a male-factor, or of bad news from a person dangerously ill) would preserve some one (especially a person other than oneself) from great and unmerited evil, and when the withholding can only be effected by denial. But

in order that the exception may not extend itself beyond the need, and may have the least possible effect in weakening reliance on veracity, it ought to be recognized, and, if possible, its limits defined; and if the principle of utility is good for anything, it must be good for weighing these conflicting utilities against one another, and marking out the region within which one or the other preponderates.

Again, defenders of utility often find themselves called upon to reply to such objections as this—that there is not time, previous to action, for calculating and weighing the effects of any line of conduct on the general happiness. This is exactly as if any one were to say that it is impossible to guide our conduct by Christianity, because there is not time, on every occasion on which anything has to be done, to read through the Old and New Testaments. The answer to the objection is, that there has been ample time, namely, the whole past duration of the human species. During all that time mankind have been learning by experience the tendencies of actions; on which experience all the prudence, as well as all the morality of life, is dependent. People talk as if the commencement of this course of experience had hitherto been put off, and as if, at the moment when some man feels tempted to meddle with the property or life of another, he had to begin considering for the first time whether murder and theft are injurious to human happiness. Even then I do not think that he would find the question very puzzling; but, at all events, the matter is now done to his hand. It is truly a whimsical supposition, that if mankind were agreed in considering utility to be the test of morality, they would remain without any agreement as to what is useful, and would take no measures for having their notions on the subject taught to the young, and enforced by law and opinion. There is no difficulty in proving any ethical standard whatever to work ill, if we suppose universal idiocy to be conjoined with it, but on any hypothesis short of that, mankind must by this time have acquired positive beliefs as to the effects of some actions on their happiness; and the beliefs which have thus come down are the rules of morality for the

multitude, and for the philosopher until he has succeeded in finding better. That philosophers might easily do this, even now, on many subjects; that the received code of ethics is by no means of divine right; and that mankind have still much to learn as to the effects of actions on the general happiness, I admit, or rather, earnestly maintain. The corollaries from the principle of utility, like the precepts of every practical art, admit of indefinite improvement, and, in a progressive state of the human mind, their improvement is perpetually going on. But to consider the rules of morality as improvable, is one thing; to pass over the intermediate generalizations entirely, and endeavour to test each individual action directly by the first principle, is another. It is a strange notion that the acknowledgment of a first principle is inconsistent with the admission of secondary ones. To inform a traveller respecting the place of his ultimate destination, is not to forbid the use of landmarks and direction-posts on the way. The proposition that happiness is the end and aim of morality, does not mean that no road ought to be laid down to that goal, or that persons going thither should not be advised to take one direction rather than another. Men really ought to leave off talking a kind of nonsense on this subject, which they would neither talk nor listen to on other matters of practical concernment. Nobody argues that the art of navigation is not founded on astronomy, because sailors cannot wait to calculate the Nautical Almanack. Being rational creatures, they go to sea with it ready calculated; and all rational creatures go out upon the sea of life with their minds made up on the common questions of right and wrong, as well as on many of the far more difficult questions of wise and foolish. And this, as long as foresight is a human quality, it is to be presumed they will continue to do. Whatever we adopt as the fundamental principle of morality, we require subordinate principles to apply it by: the impossibility of doing without them, being common to all systems, can afford no argument against any one in particular: but gravely to argue as if no such secondary principles could be had, and as if mankind had remained till now, and always must remain, without drawing

any general conclusions from the experience of human life, is as high a pitch, I think, as absurdity has ever reached in philosophical controversy.

The remainder of the stock arguments against utilitarianism mostly consist in laying to its charge the common infirmities of human nature, and the general difficulties which embarrass conscientious persons in shaping their course through life. We are told that an utilitarian will be apt to make his own particular case an exception to moral rules, and, when under temptation, will see an utility in the breach of a rule, greater than he will see in its observance. But is utility the only creed which is able to furnish us with excuses for evil doing, and means of cheating our own conscience? They are afforded in abundance by all doctrines which recognise as a fact in morals the existence of conflicting considerations; which all doctrines do, that have been believed by sane persons. It is not the fault of any creed, but of the complicated nature of human affairs, that rules of conduct cannot be so framed as to require no exceptions, and that hardly any kind of action can safely be laid down as either always obligatory or always condemnable. There is no ethical creed which does not temper the rigidity of its laws, by giving a certain latitude, under the moral responsibility of the agent, for accommodation to peculiarities of circumstances; and under every creed, at the opening thus made, self-deception and dishonest casuistry get in. There exists no moral system under which there do not arise unequivocal cases of conflicting obligation. These are the real difficulties, the knotty points both in the theory of ethics, and in the conscientious guidance of personal conduct. They are overcome practically with greater or with less success according to the intellect and virtue of the individual; but it can hardly be pretended that any one will be the less qualified for dealing with them, from possessing an ultimate standard to which conflicting rights and duties can be referred. If utility is the ultimate source of moral obligations, utility may be invoked to decide between them when their demands are incompatible. Though the application of the standard may be

difficult, it is better than none at all: while in other systems, the moral laws all claiming independent authority, there is no common umpire entitled to interfere between them; their claims to precedence one over another rest on little better than sophistry, and unless determined, as they generally are, by the unacknowledged influence of considerations of utility, afford a free scope for the action of personal desires and partialities. We must remember that only in these cases of conflict between secondary principles is it requisite that first principles should be appealed to. There is no case of moral obligation in which some secondary principle is not involved; and if only one, there can seldom be any real doubt which one it is, in the mind of any person by whom the principle itself is recognized.

FOOTNOTES:

[A]

The author of this essay has reason for believing himself to be the first person who brought the word utilitarian into use. He did not invent it, but adopted it from a passing expression in Mr. Galt's *Annals of the Parish*. After using it as a designation for several years, he and others abandoned it from a growing dislike to anything resembling a badge or watchword of sectarian distinction. But as a name for one single opinion, not a set of opinions—to denote the recognition of utility as a standard, not any particular way of applying it—the term supplies a want in the language, and offers, in many cases, a convenient mode of avoiding tiresome circumlocution.

[B]

An opponent, whose intellectual and moral fairness it is a pleasure to acknowledge (the Rev. J. Llewellyn Davis), has objected to this passage, saying, "Surely the rightness or wrongness of saving a man from drowning does depend very much upon the motive with which it is done. Suppose that a tyrant, when his enemy jumped into the sea to escape from him, saved him from drowning simply in order

that he might inflict upon him more exquisite tortures, would it tend to clearness to speak of that rescue as 'a morally right action?' Or suppose again, according to one of the stock illustrations of ethical inquiries, that a man betrayed a trust received from a friend, because the discharge of it would fatally injure that friend himself or some one belonging to him, would utilitarianism compel one to call the betrayal 'a crime' as much as if it had been done from the meanest motive?"

I submit, that he who saves another from drowning in order to kill him by torture afterwards, does not differ only in motive from him who does the same thing from duty or benevolence; the act itself is different. The rescue of the man is, in the case supposed, only the necessary first step of an act far more atrocious than leaving him to drown would have been. Had Mr. Davis said, "The rightness or wrongness of saving a man from drowning does depend very much"—not upon the motive, but—"upon the *intention*" no utilitarian would have differed from him. Mr. Davis, by an oversight too common not to be quite venial, has in this case confounded the very different ideas of Motive and Intention. There is no point which utilitarian thinkers (and Bentham pre-eminently) have taken more pains to illustrate than this. The morality of the action depends entirely upon the intention—that is, upon what the agent *wills to do*. But the motive, that is, the feeling which makes him will so to do, when it makes no difference in the act, makes none in the morality: though it makes a great difference in our moral estimation of the agent, especially if it indicates a good or a bad habitual *disposition*—a bent of character from which useful, or from which hurtful actions are likely to arise.

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### CHAPTER III.

OF THE ULTIMATE SANCTION OF THE PRINCIPLE OF UTILITY. The question is often asked, and properly so, in regard to any supposed moral standard—What is its sanction? what are the motives to obey it? or more specifically, what is the source of its obligation? whence does it derive its binding force? It is a necessary part of moral philosophy to provide the answer to this question; which, though frequently assuming the shape of an objection to the utilitarian morality, as if it had some special applicability to that above others, really arises in regard to all standards. It arises, in fact, whenever a person is called on to adopt a standard or refer morality to any basis on which he has not been accustomed to rest it. For the customary morality, that which education and opinion have consecrated, is the only one which presents itself to the mind with the feeling of being *in itself* obligatory; and when a person is asked to believe that this morality *derives* its obligation from some general principle round which custom has not thrown the same halo, the assertion is to him a paradox; the supposed corollaries seem to have a more binding force than the original theorem; the superstructure seems to stand better without, than with, what is represented as its foundation. He says to himself, I feel that I am bound not to rob or murder, betray or deceive; but why am I bound to promote the general happiness? If my own happiness lies in something else, why may I not give that the preference?

If the view adopted by the utilitarian philosophy of the nature of the moral sense be correct, this difficulty will always present itself, until the influences which form moral character have taken the same hold of the principle which they have taken of some of the consequences—until, by the improvement of education, the feeling of unity with our fellow creatures shall be (what it cannot be doubted that Christ intended it to be) as deeply rooted in our character, and to our own consciousness as completely a part of our nature, as the horror of crime is in an ordinarily well-brought-up young person. In the mean time, however, the difficulty has no peculiar application to the doctrine of utility, but is inherent in

every attempt to analyse morality and reduce it to principles; which, unless the principle is already in men's minds invested with as much sacredness as any of its applications, always seems to divest them of a part of their sanctity.

The principle of utility either has, or there is no reason why it might not have, all the sanctions which belong to any other system of morals. Those sanctions are either external or internal. Of the external sanctions it is not necessary to speak at any length. They are, the hope of favour and the fear of displeasure from our fellow creatures or from the Ruler of the Universe, along with whatever we may have of sympathy or affection for them or of love and awe of Him, inclining us to do His will independently of selfish consequences. There is evidently no reason why all these motives for observance should not attach themselves to the utilitarian morality, as completely and as powerfully as to any other. Indeed, those of them which refer to our fellow creatures are sure to do so, in proportion to the amount of general intelligence; for whether there be any other ground of moral obligation than the general happiness or not, men do desire happiness; and however imperfect may be their own practice, they desire and commend all conduct in others towards themselves, by which they think their happiness is promoted. With regard to the religious motive, if men believe, as most profess to do, in the goodness of God, those who think that conduciveness to the general happiness is the essence, or even only the criterion, of good, must necessarily believe that it is also that which God approves. The whole force therefore of external reward and punishment, whether physical or moral, and whether proceeding from God or from our fellow men, together with all that the capacities of human nature admit, of disinterested devotion to either, become available to enforce the utilitarian morality, in proportion as that morality is recognized; and the more powerfully, the more the appliances of education and general cultivation are bent to the purpose.

So far as to external sanctions. The internal sanction of duty, whatever our standard of duty may be, is one and the same—a

feeling in our own mind; a pain, more or less intense, attendant on violation of duty, which in properly cultivated moral natures rises, in the more serious cases, into shrinking from it as an impossibility. This feeling, when disinterested, and connecting itself with the pure idea of duty, and not with some particular form of it, or with any of the merely accessory circumstances, is the essence of Conscience; though in that complex phenomenon as it actually exists, the simple fact is in general all encrusted over with collateral associations, derived from sympathy, from love, and still more from fear; from all the forms of religious feeling; from the recollections of childhood and of all our past life; from self-esteem, desire of the esteem of others, and occasionally even self-abasement. This extreme complication is, I apprehend, the origin of the sort of mystical character which, by a tendency of the human mind of which there are many other examples, is apt to be attributed to the idea of moral obligation, and which leads people to believe that the idea cannot possibly attach itself to any other objects than those which, by a supposed mysterious law, are found in our present experience to excite it. Its binding force, however, consists in the existence of a mass of feeling which must be broken through in order to do what violates our standard of right, and which, if we do nevertheless violate that standard, will probably have to be encountered afterwards in the form of remorse. Whatever theory we have of the nature or origin of conscience, this is what essentially constitutes it.

The ultimate sanction, therefore, of all morality (external motives apart) being a subjective feeling in our own minds, I see nothing embarrassing to those whose standard is utility, in the question, what is the sanction of that particular standard? We may answer, the same as of all other moral standards—the conscientious feelings of mankind. Undoubtedly this sanction has no binding efficacy on those who do not possess the feelings it appeals to; but neither will these persons be more obedient to any other moral principle than to the utilitarian one. On them morality of any kind has no hold but through the external sanctions. Meanwhile the feelings exist, a fact in human nature, the reality of which, and the great power

with which they are capable of acting on those in whom they have been duly cultivated, are proved by experience. No reason has ever been shown why they may not be cultivated to as great intensity in connection with the utilitarian, as with any other rule of morals.

There is, I am aware, a disposition to believe that a person who sees in moral obligation a transcendental fact, an objective reality belonging to the province of "Things in themselves," is likely to be more obedient to it than one who believes it to be entirely subjective, having its seat in human consciousness only. But whatever a person's opinion may be on this point of Ontology, the force he is really urged by is his own subjective feeling, and is exactly measured by its strength. No one's belief that Duty is an objective reality is stronger than the belief that God is so; yet the belief in God, apart from the expectation of actual reward and punishment, only operates on conduct through, and in proportion to, the subjective religious feeling. The sanction, so far as it is disinterested, is always in the mind itself; and the notion, therefore, of the transcendental moralists must be, that this sanction will not exist in the mind unless it is believed to have its root out of the mind; and that if a person is able to say to himself, That which is restraining me, and which is called my conscience, is only a feeling in my own mind, he may possibly draw the conclusion that when the feeling ceases the obligation ceases, and that if he find the feeling inconvenient, he may disregard it, and endeavour to get rid of it. But is this danger confined to the utilitarian morality? Does the belief that moral obligation has its seat outside the mind make the feeling of it too strong to be got rid of? The fact is so far otherwise, that all moralists admit and lament the ease with which, in the generality of minds, conscience can be silenced or stifled. The question, Need I obey my conscience? is quite as often put to themselves by persons who never heard of the principle of utility, as by its adherents. Those whose conscientious feelings are so weak as to allow of their asking this question, if they answer it affirmatively, will not do so because they believe in the transcendental theory, but because of the external sanctions.

It is not necessary, for the present purpose, to decide whether the feeling of duty is innate or implanted. Assuming it to be innate, it is an open question to what objects it naturally attaches itself; for the philosophic supporters of that theory are now agreed that the intuitive perception is of principles of morality, and not of the details. If there be anything innate in the matter, I see no reason why the feeling which is innate should not be that of regard to the pleasures and pains of others. If there is any principle of morals which is intuitively obligatory, I should say it must be that. If so, the intuitive ethics would coincide with the utilitarian, and there would be no further quarrel between them. Even as it is, the intuitive moralists, though they believe that there are other intuitive moral obligations, do already believe this to be one; for they unanimously hold that a large portion of morality turns upon the consideration due to the interests of our fellow creatures. Therefore, if the belief in the transcendental origin of moral obligation gives any additional efficacy to the internal sanction, it appears to me that the utilitarian principle has already the benefit of it.

On the other hand, if, as is my own belief, the moral feelings are not innate, but acquired, they are not for that reason the less natural. It is natural to man to speak, to reason, to build cities, to cultivate the ground, though these are acquired faculties. The moral feelings are not indeed a part of our nature, in the sense of being in any perceptible degree present in all of us; but this, unhappily, is a fact admitted by those who believe the most strenuously in their transcendental origin. Like the other acquired capacities above referred to, the moral faculty, if not a part of our nature, is a natural outgrowth from it; capable, like them, in a certain small degree, of springing up spontaneously; and susceptible of being brought by cultivation to a high degree of development. Unhappily it is also susceptible, by a sufficient use of the external sanctions and of the force of early impressions, of being cultivated in almost any direction: so that there is hardly anything so absurd or so mischievous that it may not, by means of these influences, be made to act on the human mind with all the authority of conscience. To

doubt that the same potency might be given by the same means to the principle of utility, even if it had no foundation in human nature, would be flying in the face of all experience.

But moral associations which are wholly of artificial creation, when intellectual culture goes on, yield by degrees to the dissolving force of analysis: and if the feeling of duty, when associated with utility, would appear equally arbitrary; if there were no leading department of our nature, no powerful class of sentiments, with which that association would harmonize, which would make us feel it congenial, and incline us not only to foster it in others (for which we have abundant interested motives), but also to cherish it in ourselves; if there were not, in short, a natural basis of sentiment for utilitarian morality, it might well happen that this association also, even after it had been implanted by education, might be analysed away.

But there is this basis of powerful natural sentiment; and this it is which, when once the general happiness is recognized as the ethical standard, will constitute the strength of the utilitarian morality. This firm foundation is that of the social feelings of mankind; the desire to be in unity with our fellow creatures, which is already a powerful principle in human nature, and happily one of those which tend to become stronger, even without express inculcation, from the influences of advancing civilization. The social state is at once so natural, so necessary, and so habitual to man, that, except in some unusual circumstances or by an effort of voluntary abstraction, he never conceives himself otherwise than as a member of a body; and this association is riveted more and more, as mankind are further removed from the state of savage independence. Any condition, therefore, which is essential to a state of society, becomes more and more an inseparable part of every person's conception of the state of things which he is born into, and which is the destiny of a human being. Now, society between human beings, except in the relation of master and slave, is manifestly impossible on any other footing than that the interests of all are to be consulted. Society between equals can only exist on the understanding that the interests of all

are to be regarded equally. And since in all states of civilization, every person, except an absolute monarch, has equals, every one is obliged to live on these terms with somebody; and in every age some advance is made towards a state in which it will be impossible to live permanently on other terms with anybody. In this way people grow up unable to conceive as possible to them a state of total disregard of other people's interests. They are under a necessity of conceiving themselves as at least abstaining from all the grosser injuries, and (if only for their own protection.) living in a state of constant protest against them. They are also familiar with the fact of co-operating with others, and proposing to themselves a collective, not an individual, interest, as the aim (at least for the time being) of their actions. So long as they are co-operating, their ends are identified with those of others; there is at least a temporary feeling that the interests of others are their own interests. Not only does all strengthening of social ties, and all healthy growth of society, give to each individual a stronger personal interest in practically consulting the welfare of others; it also leads him to identify his feelings more and more with their good, or at least with an ever greater degree of practical consideration for it. He comes, as though instinctively, to be conscious of himself as a being who *of course* pays regard to others. The good of others becomes to him a thing naturally and necessarily to be attended to, like any of the physical conditions of our existence. Now, whatever amount of this feeling a person has, he is urged by the strongest motives both of interest and of sympathy to demonstrate it, and to the utmost of his power encourage it in others; and even if he has none of it himself, he is as greatly interested as any one else that others should have it. Consequently, the smallest germs of the feeling are laid hold of and nourished by the contagion of sympathy and the influences of education; and a complete web of corroborative association is woven round it, by the powerful agency of the external sanctions. This mode of conceiving ourselves and human life, as civilization goes on, is felt to be more and more natural. Every step in political improvement renders it more so, by removing the sources of opposition of interest, and

levelling those inequalities of legal privilege between individuals or classes, owing to which there are large portions of mankind whose happiness it is still practicable to disregard. In an improving state of the human mind, the influences are constantly on the increase, which tend to generate in each individual a feeling of unity with all the rest; which feeling, if perfect, would make him never think of, or desire, any beneficial condition for himself, in the benefits of which they are not included. If we now suppose this feeling of unity to be taught as a religion, and the whole force of education, of institutions, and of opinion, directed, as it once was in the case of religion, to make every person grow up from infancy surrounded on all sides both by the profession and by the practice of it, I think that no one, who can realize this conception, will feel any misgiving about the sufficiency of the ultimate sanction for the Happiness morality. To any ethical student who finds the realization difficult, I recommend, as a means of facilitating it, the second of M. Comte's two principal works, the *Système de Politique Positive*. I entertain the strongest objections to the system of politics and morals set forth in that treatise; but I think it has superabundantly shown the possibility of giving to the service of humanity, even without the aid of belief in a Providence, both the physical power and the social efficacy of a religion; making it take hold of human life, and colour all thought, feeling, and action, in a manner of which the greatest ascendancy ever exercised by any religion may be but a type and foretaste; and of which the danger is, not that it should be insufficient, but that it should be so excessive as to interfere unduly with human freedom and individuality.

Neither is it necessary to the feeling which constitutes the binding force of the utilitarian morality on those who recognize it, to wait for those social influences which would make its obligation felt by mankind at large. In the comparatively early state of human advancement in which we now live, a person cannot indeed feel that entireness of sympathy with all others, which would make any real discordance in the general direction of their conduct in life impossible; but already a person in whom the social feeling is at all

developed, cannot bring himself to think of the rest of his fellow creatures as struggling rivals with him for the means of happiness, whom he must desire to see defeated in their object in order that he may succeed in his. The deeply-rooted conception which every individual even now has of himself as a social being, tends to make him feel it one of his natural wants that there should be harmony between his feelings and aims and those of his fellow creatures. If differences of opinion and of mental culture make it impossible for him to share many of their actual feelings—perhaps make him denounce and defy those feelings—he still needs to be conscious that his real aim and theirs do not conflict; that he is not opposing himself to what they really wish for, namely, their own good, but is, on the contrary, promoting it. This feeling in most individuals is much inferior in strength to their selfish feelings, and is often wanting altogether. But to those who have it, it possesses all the characters of a natural feeling. It does not present itself to their minds as a superstition of education, or a law despotically imposed by the power of society, but as an attribute which it would not be well for them to be without. This conviction is the ultimate sanction of the greatest-happiness morality. This it is which makes any mind, of well-developed feelings, work with, and not against, the outward motives to care for others, afforded by what I have called the external sanctions; and when those sanctions are wanting, or act in an opposite direction, constitutes in itself a powerful internal binding force, in proportion to the sensitiveness and thoughtfulness of the character; since few but those whose mind is a moral blank, could bear to lay out their course of life on the plan of paying no regard to others except so far as their own private interest compels.

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## CHAPTER IV.

OF WHAT SORT OF PROOF THE PRINCIPLE OF UTILITY IS SUSCEPTIBLE. It has already been remarked, that questions of ultimate ends do not admit of proof, in the ordinary acceptation of the term. To be incapable of proof by reasoning is common to all first principles; to the first premises of our knowledge, as well as to those of our conduct. But the former, being matters of fact, may be the subject of a direct appeal to the faculties which judge of fact—namely, our senses, and our internal consciousness. Can an appeal be made to the same faculties on questions of practical ends? Or by what other faculty is cognizance taken of them?

Questions about ends are, in other words, questions what things are desirable. The utilitarian doctrine is, that happiness is desirable, and the only thing desirable, as an end; all other things being only desirable as means to that end. What ought to be required of this doctrine—what conditions is it requisite that the doctrine should fulfil—to make good its claim to be believed?

The only proof capable of being given that an object is visible, is that people actually see it. The only proof that a sound is audible, is that people hear it: and so of the other sources of our experience. In like manner, I apprehend, the sole evidence it is possible to produce that anything is desirable, is that people do actually desire it. If the end which the utilitarian doctrine proposes to itself were not, in theory and in practice, acknowledged to be an end, nothing could ever convince any person that it was so. No reason can be given why the general happiness is desirable, except that each person, so far as he believes it to be attainable, desires his own happiness. This, however, being a fact, we have not only all the proof which the case admits of, but all which it is possible to require, that happiness is a good: that each person's happiness is a good to that person, and the general happiness, therefore, a good to the aggregate of all persons.

Happiness has made out its title as *one* of the ends of conduct, and consequently one of the criteria of morality.

But it has not, by this alone, proved itself to be the sole criterion. To do that, it would seem, by the same rule, necessary to show, not only that people desire happiness, but that they never desire anything else. Now it is palpable that they do desire things which, in common language, are decidedly distinguished from happiness. They desire, for example, virtue, and the absence of vice, no less really than pleasure and the absence of pain. The desire of virtue is not as universal, but it is as authentic a fact, as the desire of happiness. And hence the opponents of the utilitarian standard deem that they have a right to infer that there are other ends of human action besides happiness, and that happiness is not the standard of approbation and disapprobation.

But does the utilitarian doctrine deny that people desire virtue, or maintain that virtue is not a thing to be desired? The very reverse. It maintains not only that virtue is to be desired, but that it is to be desired disinterestedly, for itself. Whatever may be the opinion of utilitarian moralists as to the original conditions by which virtue is made virtue; however they may believe (as they do) that actions and dispositions are only virtuous because they promote another end than virtue; yet this being granted, and it having been decided, from considerations of this description, what is virtuous, they not only place virtue at the very head of the things which are good as means to the ultimate end, but they also recognise as a psychological fact the possibility of its being, to the individual, a good in itself, without looking to any end beyond it; and hold, that the mind is not in a right state, not in a state conformable to Utility, not in the state most conducive to the general happiness, unless it does love virtue in this manner—as a thing desirable in itself, even although, in the individual instance, it should not produce those other desirable consequences which it tends to produce, and on account of which it is held to be virtue. This opinion is not, in the smallest degree, a departure from the Happiness principle. The ingredients of happiness are very various, and each of them is desirable in itself,

and not merely when considered as swelling an aggregate. The principle of utility does not mean that any given pleasure, as music, for instance, or any given exemption from pain, as for example health, are to be looked upon as means to a collective something termed happiness, and to be desired on that account. They are desired and desirable in and for themselves; besides being means, they are a part of the end. Virtue, according to the utilitarian doctrine, is not naturally and originally part of the end, but it is capable of becoming so; and in those who love it disinterestedly it has become so, and is desired and cherished, not as a means to happiness, but as a part of their happiness.

To illustrate this farther, we may remember that virtue is not the only thing, originally a means, and which if it were not a means to anything else, would be and remain indifferent, but which by association with what it is a means to, comes to be desired for itself, and that too with the utmost intensity. What, for example, shall we say of the love of money? There is nothing originally more desirable about money than about any heap of glittering pebbles. Its worth is solely that of the things which it will buy; the desires for other things than itself, which it is a means of gratifying. Yet the love of money is not only one of the strongest moving forces of human life, but money is, in many cases, desired in and for itself; the desire to possess it is often stronger than the desire to use it, and goes on increasing when all the desires which point to ends beyond it, to be compassed by it, are falling off. It may be then said truly, that money is desired not for the sake of an end, but as part of the end. From being a means to happiness, it has come to be itself a principal ingredient of the individual's conception of happiness. The same may be said of the majority of the great objects of human life—power, for example, or fame; except that to each of these there is a certain amount of immediate pleasure annexed, which has at least the semblance of being naturally inherent in them; a thing which cannot be said of money. Still, however, the strongest natural attraction, both of power and of fame, is the immense aid they give to the attainment of our other wishes; and it is the strong

association thus generated between them and all our objects of desire, which gives to the direct desire of them the intensity it often assumes, so as in some characters to surpass in strength all other desires. In these cases the means have become a part of the end, and a more important part of it than any of the things which they are means to. What was once desired as an instrument for the attainment of happiness, has come to be desired for its own sake. In being desired for its own sake it is, however, desired as part of happiness. The person is made, or thinks he would be made, happy by its mere possession; and is made unhappy by failure to obtain it. The desire of it is not a different thing from the desire of happiness, any more than the love of music, or the desire of health. They are included in happiness. They are some of the elements of which the desire of happiness is made up. Happiness is not an abstract idea, but a concrete whole; and these are some of its parts. And the utilitarian standard sanctions and approves their being so. Life would be a poor thing, very ill provided with sources of happiness, if there were not this provision of nature, by which things originally indifferent, but conducive to, or otherwise associated with, the satisfaction of our primitive desires, become in themselves sources of pleasure more valuable than the primitive pleasures, both in permanency, in the space of human existence that they are capable of covering, and even in intensity. Virtue, according to the utilitarian conception, is a good of this description. There was no original desire of it, or motive to it, save its conduciveness to pleasure, and especially to protection from pain. But through the association thus formed, it may be felt a good in itself, and desired as such with as great intensity as any other good; and with this difference between it and the love of money, of power, or of fame, that all of these may, and often do, render the individual noxious to the other members of the society to which he belongs, whereas there is nothing which makes him so much a blessing to them as the cultivation of the disinterested, love of virtue. And consequently, the utilitarian standard, while it tolerates and approves those other acquired desires, up to the point beyond which they would be more

injurious to the general happiness than promotive of it, enjoins and requires the cultivation of the love of virtue up to the greatest strength possible, as being above all things important to the general happiness.

It results from the preceding considerations, that there is in reality nothing desired except happiness. Whatever is desired otherwise than as a means to some end beyond itself, and ultimately to happiness, is desired as itself a part of happiness, and is not desired for itself until it has become so. Those who desire virtue for its own sake, desire it either because the consciousness of it is a pleasure, or because the consciousness of being without it is a pain, or for both reasons united; as in truth the pleasure and pain seldom exist separately, but almost always together, the same person feeling pleasure in the degree of virtue attained, and pain in not having attained more. If one of these gave him no pleasure, and the other no pain, he would not love or desire virtue, or would desire it only for the other benefits which it might produce to himself or to persons whom he cared for.

We have now, then, an answer to the question, of what sort of proof the principle of utility is susceptible. If the opinion which I have now stated is psychologically true—if human nature is so constituted as to desire nothing which is not either a part of happiness or a means of happiness, we can have no other proof, and we require no other, that these are the only things desirable. If so, happiness is the sole end of human action, and the promotion of it the test by which to judge of all human conduct; from whence it necessarily follows that it must be the criterion of morality, since a part is included in the whole.

And now to decide whether this is really so; whether mankind do desire nothing for itself but that which is a pleasure to them, or of which the absence is a pain; we have evidently arrived at a question of fact and experience, dependent, like all similar questions, upon evidence. It can only be determined by practised self-consciousness and self-observation, assisted by observation of others. I believe that these sources of evidence, impartially consulted, will declare

that desiring a thing and finding it pleasant, aversion to it and thinking of it as painful, are phenomena entirely inseparable, or rather two parts of the same phenomenon; in strictness of language, two different modes of naming the same psychological fact: that to think of an object as desirable (unless for the sake of its consequences), and to think of it as pleasant, are one and the same thing; and that to desire anything, except in proportion as the idea of it is pleasant, is a physical and metaphysical impossibility.

So obvious does this appear to me, that I expect it will hardly be disputed: and the objection made will be, not that desire can possibly be directed to anything ultimately except pleasure and exemption from pain, but that the will is a different thing from desire; that a person of confirmed virtue, or any other person whose purposes are fixed, carries out his purposes without any thought of the pleasure he has in contemplating them, or expects to derive from their fulfilment; and persists in acting on them, even though these pleasures are much diminished, by changes in his character or decay of his passive sensibilities, or are outweighed by the pains which the pursuit of the purposes may bring upon him. All this I fully admit, and have stated it elsewhere, as positively and emphatically as any one. Will, the active phenomenon, is a different thing from desire, the state of passive sensibility, and though originally an offshoot from it, may in time take root and detach itself from the parent stock; so much so, that in the case of an habitual purpose, instead of willing the thing because we desire it, we often desire it only because we will it. This, however, is but an instance of that familiar fact, the power of habit, and is nowise confined to the case of virtuous actions. Many indifferent things, which men originally did from a motive of some sort, they continue to do from habit. Sometimes this is done unconsciously, the consciousness coming only after the action: at other times with conscious volition, but volition which has become habitual, and is put into operation by the force of habit, in opposition perhaps to the deliberate preference, as often happens with those who have contracted habits of vicious or hurtful indulgence. Third and last comes the case in which the

habitual act of will in the individual instance is not in contradiction to the general intention prevailing at other times, but in fulfilment of it; as in the case of the person of confirmed virtue, and of all who pursue deliberately and consistently any determinate end. The distinction between will and desire thus understood, is an authentic and highly important psychological fact; but the fact consists solely in this—that will, like all other parts of our constitution, is amenable to habit, and that we may will from habit what we no longer desire for itself, or desire only because we will it. It is not the less true that will, in the beginning, is entirely produced by desire; including in that term the repelling influence of pain as well as the attractive one of pleasure. Let us take into consideration, no longer the person who has a confirmed will to do right, but him in whom that virtuous will is still feeble, conquerable by temptation, and not to be fully relied on; by what means can it be strengthened? How can the will to be virtuous, where it does not exist in sufficient force, be implanted or awakened? Only by making the person *desire* virtue—by making him think of it in a pleasurable light, or of its absence in a painful one. It is by associating the doing right with pleasure, or the doing wrong with pain, or by eliciting and impressing and bringing home to the person's experience the pleasure naturally involved in the one or the pain in the other, that it is possible to call forth that will to be virtuous, which, when confirmed, acts without any thought of either pleasure or pain. Will is the child of desire, and passes out of the dominion of its parent only to come under that of habit. That which is the result of habit affords no presumption of being intrinsically good; and there would be no reason for wishing that the purpose of virtue should become independent of pleasure and pain, were it not that the influence of the pleasurable and painful associations which prompt to virtue is not sufficiently to be depended on for unerring constancy of action until it has acquired the support of habit. Both in feeling and in conduct, habit is the only thing which imparts certainty; and it is because of the importance to others of being able to rely absolutely on one's feelings and conduct, and to oneself of being able to rely

on one's own, that the will to do right ought to be cultivated into this habitual independence. In other words, this state of the will is a means to good, not intrinsically a good; and does not contradict the doctrine that nothing is a good to human beings but in so far as it is either itself pleasurable, or a means of attaining pleasure or averting pain.

But if this doctrine be true, the principle of utility is proved. Whether it is so or not, must now be left to the consideration of the thoughtful reader.

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## CHAPTER V.

ON THE CONNEXION BETWEEN JUSTICE AND UTILITY. In all ages of speculation, one of the strongest obstacles to the reception of the doctrine that Utility or Happiness is the criterion of right and wrong, has been drawn from the idea of Justice, The powerful sentiment, and apparently clear perception, which that word recalls with a rapidity and certainty resembling an instinct, have seemed to the majority of thinkers to point to an inherent quality in things; to show that the Just must have an existence in Nature as something absolute—generically distinct from every variety of the Expedient, and, in idea, opposed to it, though (as is commonly acknowledged) never, in the long run, disjoined from it in fact.

In the case of this, as of our other moral sentiments, there is no necessary connexion between the question of its origin, and that of its binding force. That a feeling is bestowed on us by Nature, does not necessarily legitimate all its promptings. The feeling of justice might be a peculiar instinct, and might yet require, like our other instincts, to be controlled and enlightened by a higher reason. If we have intellectual instincts, leading us to judge in a particular way, as well as animal instincts that prompt us to act in a particular way,

there is no necessity that the former should be more infallible in their sphere than the latter in theirs: it may as well happen that wrong judgments are occasionally suggested by those, as wrong actions by these. But though it is one thing to believe that we have natural feelings of justice, and another to acknowledge them as an ultimate criterion of conduct, these two opinions are very closely connected in point of fact. Mankind are always predisposed to believe that any subjective feeling, not otherwise accounted for, is a revelation of some objective reality. Our present object is to determine whether the reality, to which the feeling of justice corresponds, is one which needs any such special revelation; whether the justice or injustice of an action is a thing intrinsically peculiar, and distinct from all its other qualities, or only a combination of certain of those qualities, presented under a peculiar aspect. For the purpose of this inquiry, it is practically important to consider whether the feeling itself, of justice and injustice, is *sui generis* like our sensations of colour and taste, or a derivative feeling, formed by a combination of others. And this it is the more essential to examine, as people are in general willing enough to allow, that objectively the dictates of justice coincide with a part of the field of General Expediency; but inasmuch as the subjective mental feeling of Justice is different from that which commonly attaches to simple expediency, and, except in extreme cases of the latter, is far more imperative in its demands, people find it difficult to see, in Justice, only a particular kind or branch of general utility, and think that its superior binding force requires a totally different origin.

To throw light upon this question, it is necessary to attempt to ascertain what is the distinguishing character of justice, or of injustice: what is the quality, or whether there is any quality, attributed in common to all modes of conduct designated as unjust (for justice, like many other moral attributes, is best defined by its opposite), and distinguishing them from such modes of conduct as are disapproved, but without having that particular epithet of disapprobation applied to them. If, in everything which men are

accustomed to characterize as just or unjust, some one common attribute or collection of attributes is always present, we may judge whether this particular attribute or combination of attributes would be capable of gathering round it a sentiment of that peculiar character and intensity by virtue of the general laws of our emotional constitution, or whether the sentiment is inexplicable, and requires to be regarded as a special provision of Nature. If we find the former to be the case, we shall, in resolving this question, have resolved also the main problem: if the latter, we shall have to seek for some other mode of investigating it.

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To find the common attributes of a variety of objects, it is necessary to begin, by surveying the objects themselves in the concrete. Let us therefore advert successively to the various modes of action, and arrangements of human affairs, which are classed, by universal or widely spread opinion, as Just or as Unjust. The things well known to excite the sentiments associated with those names, are of a very multifarious character. I shall pass them rapidly in review, without studying any particular arrangement.

In the first place, it is mostly considered unjust to deprive any one of his personal liberty, his property, or any other thing which belongs to him by law. Here, therefore, is one instance of the application of the terms just and unjust in a perfectly definite sense, namely, that it is just to respect, unjust to violate, the *legal rights* of any one. But this judgment admits of several exceptions, arising from the other forms in which the notions of justice and injustice present themselves. For example, the person who suffers the deprivation may (as the phrase is) have *forfeited* the rights which he is so deprived of: a case to which we shall return presently. But also,

Secondly; the legal rights of which he is deprived, may be rights which *ought* not to have belonged to him; in other words, the law which confers on him these rights, may be a bad law. When it is so, or when (which is the same thing for our purpose) it is supposed to

be so, opinions will differ as to the justice or injustice of infringing it. Some maintain that no law, however bad, ought to be disobeyed by an individual citizen; that his opposition to it, if shown at all, should only be shown in endeavouring to get it altered by competent authority. This opinion (which condemns many of the most illustrious benefactors of mankind, and would often protect pernicious institutions against the only weapons which, in the state of things existing at the time, have any chance of succeeding against them) is defended, by those who hold it, on grounds of expediency; principally on that of the importance, to the common interest of mankind, of maintaining inviolate the sentiment of submission to law. Other persons, again, hold the directly contrary opinion, that any law, judged to be bad, may blamelessly be disobeyed, even though it be not judged to be unjust, but only inexpedient; while others would confine the licence of disobedience to the case of unjust laws: but again, some say, that all laws which are inexpedient are unjust; since every law imposes some restriction on the natural liberty of mankind, which restriction is an injustice, unless legitimated by tending to their good. Among these diversities of opinion, it seems to be universally admitted that there may be unjust laws, and that law, consequently, is not the ultimate criterion of justice, but may give to one person a benefit, or impose on another an evil, which justice condemns. When, however, a law is thought to be unjust, it seems always to be regarded as being so in the same way in which a breach of law is unjust, namely, by infringing somebody's right; which, as it cannot in this case be a legal right, receives a different appellation, and is called a moral right. We may say, therefore, that a second case of injustice consists in taking or withholding from any person that to which he has a *moral right*.

Thirdly, it is universally considered just that each person should obtain that (whether good or evil) which he *deserves*; and unjust that he should obtain a good, or be made to undergo an evil, which he does not deserve. This is, perhaps, the clearest and most emphatic form in which the idea of justice is conceived by the general mind.

As it involves the notion of desert, the question arises, what constitutes desert? Speaking in a general way, a person is understood to deserve good if he does right, evil if he does wrong; and in a more particular sense, to deserve good from those to whom he does or has done good, and evil from those to whom he does or has done evil. The precept of returning good for evil has never been regarded as a case of the fulfilment of justice, but as one in which the claims of justice are waived, in obedience to other considerations.

Fourthly, it is confessedly unjust to *break faith* with any one: to violate an engagement, either express or implied, or disappoint expectations raised by our own conduct, at least if we have raised those expectations knowingly and voluntarily. Like the other obligations of justice already spoken of, this one is not regarded as absolute, but as capable of being overruled by a stronger obligation of justice on the other side; or by such conduct on the part of the person concerned as is deemed to absolve us from our obligation to him, and to constitute a *forfeiture* of the benefit which he has been led to expect.

Fifthly, it is, by universal admission, inconsistent with justice to be *partial*; to show favour or preference to one person over another, in matters to which favour and preference do not properly apply. Impartiality, however, does not seem to be regarded as a duty in itself, but rather as instrumental to some other duty; for it is admitted that favour and preference are not always censurable, and indeed the cases in which they are condemned are rather the exception than the rule. A person would be more likely to be blamed than applauded for giving his family or friends no superiority in good offices over strangers, when he could do so without violating any other duty; and no one thinks it unjust to seek one person in preference to another as a friend, connexion, or companion. Impartiality where rights are concerned is of course obligatory, but this is involved in the more general obligation of giving to every one his right. A tribunal, for example, must be impartial, because it is bound to award, without regard to any other consideration,

a disputed object to the one of two parties who has the right to it. There are other cases in which impartiality means, being solely influenced by desert; as with those who, in the capacity of judges, preceptors, or parents, administer reward and punishment as such. There are cases, again, in which it means, being solely influenced by consideration for the public interest; as in making a selection among candidates for a Government employment. Impartiality, in short, as an obligation of justice, may be said to mean, being exclusively influenced by the considerations which it is supposed ought to influence the particular case in hand; and resisting the solicitation of any motives which prompt to conduct different from what those considerations would dictate.

Nearly allied to the idea of impartiality, is that of *equality*; which often enters as a component part both into the conception of justice and into the practice of it, and, in the eyes of many persons, constitutes its essence. But in this, still more than in any other case, the notion of justice varies in different persons, and always conforms in its variations to their notion of utility. Each person maintains that equality is the dictate of justice, except where he thinks that expediency requires inequality. The justice of giving equal protection to the rights of all, is maintained by those who support the most outrageous inequality in the rights themselves. Even in slave countries it is theoretically admitted that the rights of the slave, such as they are, ought to be as sacred as those of the master; and that a tribunal which fails to enforce them with equal strictness is wanting in justice; while, at the same time, institutions which leave to the slave scarcely any rights to enforce, are not deemed unjust, because they are not deemed inexpedient. Those who think that utility requires distinctions of rank, do not consider it unjust that riches and social privileges should be unequally dispensed; but those who think this inequality inexpedient, think it unjust also. Whoever thinks that government is necessary, sees no injustice in as much inequality as is constituted by giving to the magistrate powers not granted to other people. Even among those who hold levelling doctrines, there are as many questions of

justice as there are differences of opinion about expediency. Some Communists consider it unjust that the produce of the labour of the community should be shared on any other principle than that of exact equality; others think it just that those should receive most whose needs are greatest; while others hold that those who work harder, or who produce more, or whose services are more valuable to the community, may justly claim a larger quota in the division of the produce. And the sense of natural justice may be plausibly appealed to in behalf of every one of these opinions.

Among so many diverse applications of the term Justice, which yet is not regarded as ambiguous, it is a matter of some difficulty to seize the mental link which holds them together, and on which the moral sentiment adhering to the term essentially depends. Perhaps, in this embarrassment, some help may be derived from the history of the word, as indicated by its etymology.

In most, if not in all languages, the etymology of the word which corresponds to Just, points to an origin connected either with positive law, or with that which was in most cases the primitive form of law—authoritative custom. *Justum* is a form of *jussum*, that which has been ordered. *Jus* is of the same origin. *Dichanou* comes from *dichae*, of which the principal meaning, at least in the historical ages of Greece, was a suit at law. Originally, indeed, it meant only the mode or *manner* of doing things, but it early came to mean the *prescribed manner*; that which the recognized authorities, patriarchal, judicial, or political, would enforce. *Recht*, from which came *right* and *righteous*, is synonymous with law. The original meaning, indeed, of *recht* did not point to law, but to physical straightness; as *wrong* and its Latin equivalents meant twisted or tortuous; and from this it is argued that right did not originally mean law, but on the contrary law meant right. But however this may be, the fact that *recht* and *droit* became restricted in their meaning to positive law, although much which is not required by law is equally necessary to moral straightness or rectitude, is as significant of the original character of moral ideas as if the derivation had been the reverse way. The courts of justice, the administration of justice, are

the courts and the administration of law. *La justice*, in French, is the established term for judicature. There can, I think, be no doubt that the *idée mère*, the primitive element, in the formation of the notion of justice, was conformity to law. It constituted the entire idea among the Hebrews, up to the birth of Christianity; as might be expected in the case of a people whose laws attempted to embrace all subjects on which precepts were required, and who believed those laws to be a direct emanation from the Supreme Being. But other nations, and in particular the Greeks and Romans, who knew that their laws had been made originally, and still continued to be made, by men, were not afraid to admit that those men might make bad laws; might do, by law, the same things, and from the same motives, which, if done by individuals without the sanction of law, would be called unjust. And hence the sentiment of injustice came to be attached, not to all violations of law, but only to violations of such laws as *ought* to exist, including such as ought to exist but do not; and to laws themselves, if supposed to be contrary to what ought to be law. In this manner the idea of law and of its injunctions was still predominant in the notion of justice, even when the laws actually in force ceased to be accepted as the standard of it.

It is true that mankind consider the idea of justice and its obligations as applicable to many things which neither are, nor is it desired that they should be, regulated by law. Nobody desires that laws should interfere with the whole detail of private life; yet every one allows that in all daily conduct a person may and does show himself to be either just or unjust. But even here, the idea of the breach of what ought to be law, still lingers in a modified shape. It would always give us pleasure, and chime in with our feelings of fitness, that acts which we deem unjust should be punished, though we do not always think it expedient that this should be done by the tribunals. We forego that gratification on account of incidental inconveniences. We should be glad to see just conduct enforced and injustice repressed, even in the minutest details, if we were not, with reason, afraid of trusting the magistrate with so unlimited an amount of power over individuals. When we think that

a person is bound in justice to do a thing, it is an ordinary form of language to say, that he ought to be compelled to do it. We should be gratified to see the obligation enforced by anybody who had the power. If we see that its enforcement by law would be inexpedient, we lament the impossibility, we consider the impunity given to injustice as an evil, and strive to make amends for it by bringing a strong expression of our own and the public disapprobation to bear upon the offender. Thus the idea of legal constraint is still the generating idea of the notion of justice, though undergoing several transformations before that notion, as it exists in an advanced state of society, becomes complete.

The above is, I think, a true account, as far as it goes, of the origin and progressive growth of the idea of justice. But we must observe, that it contains, as yet, nothing to distinguish that obligation from moral obligation in general. For the truth is, that the idea of penal sanction, which is the essence of law, enters not only into the conception of injustice, but into that of any kind of wrong. We do not call anything wrong, unless we mean to imply that a person ought to be punished in some way or other for doing it; if not by law, by the opinion of his fellow creatures; if not by opinion, by the reproaches of his own conscience. This seems the real turning point of the distinction between morality and simple expediency. It is a part of the notion of Duty in every one of its forms, that a person may rightfully be compelled to fulfil it. Duty is a thing which may be *exacted* from a person, as one exacts a debt. Unless we think that it might be exacted from him, we do not call it his duty. Reasons of prudence, or the interest of other people, may militate against actually exacting it; but the person himself, it is clearly understood, would not be entitled to complain. There are other things, on the contrary, which we wish that people should do, which we like or admire them for doing, perhaps dislike or despise them for not doing, but yet admit that they are not bound to do; it is not a case of moral obligation; we do not blame them, that is, we do not think that they are proper objects of punishment. How we come by these ideas of deserving and not deserving punishment, will appear, perhaps,

in the sequel; but I think there is no doubt that this distinction lies at the bottom of the notions of right and wrong; that we call any conduct wrong, or employ instead, some other term of dislike or disparagement, according as we think that the person ought, or ought not, to be punished for it; and we say that it would be right to do so and so, or merely that it would be desirable or laudable, according as we would wish to see the person whom it concerns, compelled or only persuaded and exhorted, to act in that manner.<sup>[C]</sup>

This, therefore, being the characteristic difference which marks off, not justice, but morality in general, from the remaining provinces of Expediency and Worthiness; the character is still to be sought which distinguishes justice from other branches of morality. Now it is known that ethical writers divide moral duties into two classes, denoted by the ill-chosen expressions, duties of perfect and of imperfect obligation; the latter being those in which, though the act is obligatory, the particular occasions of performing it are left to our choice; as in the case of charity or beneficence, which we are indeed bound to practise, but not towards any definite person, nor at any prescribed time. In the more precise language of philosophic jurists, duties of perfect obligation are those duties in virtue of which a correlative right resides in some person or persons; duties of imperfect obligation are those moral obligations which do not give birth to any right. I think it will be found that this distinction exactly coincides with that which exists between justice and the other obligations of morality. In our survey of the various popular acceptations of justice, the term appeared generally to involve the idea of a personal right—a claim on the part of one or more individuals, like that which the law gives when it confers a proprietary or other legal right. Whether the injustice consists in depriving a person of a possession, or in breaking faith with him, or in treating him worse than he deserves, or worse than other people who have no greater claims, in each case the supposition implies two things—a wrong done, and some assignable person who is wronged. Injustice may also be done by treating a person better than others; but the wrong in this case is to his competitors, who

are also assignable persons. It seems to me that this feature in the case—a right in some person, correlative to the moral obligation—constitutes the specific difference between justice, and generosity or beneficence. Justice implies something which it is not only right to do, and wrong not to do, but which some individual person can claim from us as his moral right. No one has a moral right to our generosity or beneficence, because we are not morally bound to practise those virtues towards any given individual. And it will be found, with respect to this as with respect to every correct definition, that the instances which seem to conflict with it are those which most confirm it. For if a moralist attempts, as some have done, to make out that mankind generally, though not any given individual, have a right to all the good we can do them, he at once, by that thesis, includes generosity and beneficence within the category of justice. He is obliged to say, that our utmost exertions are due to our fellow creatures, thus assimilating them to a debt; or that nothing less can be a sufficient *return* for what society does for us, thus classing the case as one of gratitude; both of which are acknowledged cases of justice. Wherever there is a right, the case is one of justice, and not of the virtue of beneficence: and whoever does not place the distinction between justice and morality in general where we have now placed it, will be found to make no distinction between them at all, but to merge all morality in justice.

Having thus endeavoured to determine the distinctive elements which enter into the composition of the idea of justice, we are ready to enter on the inquiry, whether the feeling, which accompanies the idea, is attached to it by a special dispensation of nature, or whether it could have grown up, by any known laws, out of the idea itself; and in particular, whether it can have originated in considerations of general expediency.

I conceive that the sentiment itself does not arise from anything which would commonly, or correctly, be termed an idea of expediency; but that, though the sentiment does not, whatever is moral in it does.

We have seen that the two essential ingredients in the sentiment

of justice are, the desire to punish a person who has done harm, and the knowledge or belief that there is some definite individual or individuals to whom harm has been done.

Now it appears to me, that the desire to punish a person who has done harm to some individual, is a spontaneous outgrowth from two sentiments, both in the highest degree natural, and which either are or resemble instincts; the impulse of self-defence, and the feeling of sympathy.

It is natural to resent, and to repel or retaliate, any harm done or attempted against ourselves, or against those with whom we sympathize. The origin of this sentiment it is not necessary here to discuss. Whether it be an instinct or a result of intelligence, it is, we know, common to all animal nature; for every animal tries to hurt those who have hurt, or who it thinks are about to hurt, itself or its young. Human beings, on this point, only differ from other animals in two particulars. First, in being capable of sympathizing, not solely with their offspring, or, like some of the more noble animals, with some superior animal who is kind to them, but with all human, and even with all sentient beings. Secondly, in having a more developed intelligence, which gives a wider range to the whole of their sentiments, whether self-regarding or sympathetic. By virtue of his superior intelligence, even apart from his superior range of sympathy, a human being is capable of apprehending a community of interest between himself and the human society of which he forms a part, such that any conduct which threatens the security of the society generally, is threatening to his own, and calls forth his instinct (if instinct it be) of self-defence. The same superiority of intelligence, joined to the power of sympathizing with human beings generally, enables him to attach himself to the collective idea of his tribe, his country, or mankind, in such a manner that any act hurtful to them rouses his instinct of sympathy, and urges him to resistance.

The sentiment of justice, in that one of its elements which consists of the desire to punish, is thus, I conceive, the natural feeling of retaliation or vengeance, rendered by intellect and

sympathy applicable to those injuries, that is, to those hurts, which wound us through, or in common with, society at large. This sentiment, in itself, has nothing moral in it; what is moral is, the exclusive subordination of it to the social sympathies, so as to wait on and obey their call. For the natural feeling tends to make us resent indiscriminately whatever any one does that is disagreeable to us; but when moralized by the social feeling, it only acts in the directions conformable to the general good; just persons resenting a hurt to society, though not otherwise a hurt to themselves, and not resenting a hurt to themselves, however painful, unless it be of the kind which society has a common interest with them in the repression of.

It is no objection against this doctrine to say, that when we feel our sentiment of justice outraged, we are not thinking of society at large, or of any collective interest, but only of the individual case. It is common enough certainly, though the reverse of commendable, to feel resentment merely because we have suffered pain; but a person whose resentment is really a moral feeling, that is, who considers whether an act is blameable before he allows himself to resent it—such a person, though he may not say expressly to himself that he is standing up for the interest of society, certainly does feel that he is asserting a rule which is for the benefit of others as well as for his own. If he is not feeling this—if he is regarding the act solely as it affects him individually—he is not consciously just; he is not concerning himself about the justice of his actions. This is admitted even by anti-utilitarian moralists. When Kant (as before remarked) propounds as the fundamental principle of morals, ‘So act, that thy rule of conduct might be adopted as a law by all rational beings,’ he virtually acknowledges that the interest of mankind collectively, or at least of mankind indiscriminately, must be in the mind of the agent when conscientiously deciding on the morality of the act. Otherwise he uses words without a meaning: for, that a rule even of utter selfishness could not possibly be adopted by all rational beings—that there is any insuperable obstacle in the nature of things to its adoption—cannot be even plausibly maintained. To give any

meaning to Kant's principle, the sense put upon it must be, that we ought to shape our conduct by a rule which all rational beings might adopt *with benefit to their collective interest*.

To recapitulate: the idea of justice supposes two things; a rule of conduct, and a sentiment which sanctions the rule. The first must be supposed common to all mankind, and intended for their good. The other (the sentiment) is a desire that punishment may be suffered by those who infringe the rule. There is involved, in addition, the conception of some definite person who suffers by the infringement; whose rights (to use the expression appropriated to the case) are violated by it. And the sentiment of justice appears to me to be, the animal desire to repel or retaliate a hurt or damage to oneself, or to those with whom one sympathizes, widened so as to include all persons, by the human capacity of enlarged sympathy, and the human conception of intelligent self-interest. From the latter elements, the feeling derives its morality; from the former, its peculiar impressiveness, and energy of self-assertion.

I have, throughout, treated the idea of a *right* residing in the injured person, and violated by the injury, not as a separate element in the composition of the idea and sentiment, but as one of the forms in which the other two elements clothe themselves. These elements are, a hurt to some assignable person or persons on the one hand, and a demand for punishment on the other. An examination of our own minds, I think, will show, that these two things include all that we mean when we speak of violation of a right. When we call anything a person's right, we mean that he has a valid claim on society to protect him in the possession of it, either by the force of law, or by that of education and opinion. If he has what we consider a sufficient claim, on whatever account, to have something guaranteed to him by society, we say that he has a right to it. If we desire to prove that anything does not belong to him by right, we think this done as soon as it is admitted that society ought not to take measures for securing it to him, but should leave it to chance, or to his own exertions. Thus, a person is said to have a right to what he can earn in fair professional competition; because

society ought not to allow any other person to hinder him from endeavouring to earn in that manner as much as he can. But he has not a right to three hundred a-year, though he may happen to be earning it; because society is not called on to provide that he shall earn that sum. On the contrary, if he owns ten thousand pounds three per cent. stock, he has a right to three hundred a-year; because society has come under an obligation to provide him with an income of that amount.

To have a right, then, is, I conceive, to have something which society ought to defend me in the possession of. If the objector goes on to ask why it ought, I can give him no other reason than general utility. If that expression does not seem to convey a sufficient feeling of the strength of the obligation, nor to account for the peculiar energy of the feeling, it is because there goes to the composition of the sentiment, not a rational only but also an animal element, the thirst for retaliation; and this thirst derives its intensity, as well as its moral justification, from the extraordinarily important and impressive kind of utility which is concerned. The interest involved is that of security, to every one's feelings the most vital of all interests. Nearly all other earthly benefits are needed by one person, not needed by another; and many of them can, if necessary, be cheerfully foregone, or replaced by something else; but security no human being can possibly do without; on it we depend for all our immunity from evil, and for the whole value of all and every good, beyond the passing moment; since nothing but the gratification of the instant could be of any worth to us, if we could be deprived of everything the next instant by whoever was momentarily stronger than ourselves. Now this most indispensable of all necessaries, after physical nutriment, cannot be had, unless the machinery for providing it is kept unintermittedly in active play. Our notion, therefore, of the claim we have on our fellow creatures to join in making safe for us the very groundwork of our existence, gathers feelings round it so much more intense than those concerned in any of the more common cases of utility, that the difference in degree (as is often the case in psychology) becomes

a real difference in kind. The claim assumes that character of absoluteness, that apparent infinity, and incommensurability with all other considerations, which constitute the distinction between the feeling of right and wrong and that of ordinary expediency and in expediency. The feelings concerned are so powerful, and we count so positively on finding a responsive feeling in others (all being alike interested), that *ought* and *should* grow into *must*, and recognized indispensability becomes a moral necessity, analogous to physical, and often not inferior to it in binding force.

If the preceding analysis, or something resembling it, be not the correct account of the notion of justice; if justice be totally independent of utility, and be a standard *per se*, which the mind can recognize by simple introspection of itself; it is hard to understand why that internal oracle is so ambiguous, and why so many things appear either just or unjust, according to the light in which they are regarded. We are continually informed that Utility is an uncertain standard, which every different person interprets differently, and that there is no safety but in the immutable, ineffaceable, and unmistakeable dictates of Justice, which carry their evidence in themselves, and are independent of the fluctuations of opinion. One would suppose from this that on questions of justice there could be no controversy; that if we take that for our rule, its application to any given case could leave us in as little doubt as a mathematical demonstration. So far is this from being the fact, that there is as much difference of opinion, and as fierce discussion, about what is just, as about what is useful to society. Not only have different nations and individuals different notions of justice, but, in the mind of one and the same individual, justice is not some one rule, principle, or maxim, but many, which do not always coincide in their dictates, and in choosing between which, he is guided either by some extraneous standard, or by his own personal predilections.

For instance, there are some who say, that it is unjust to punish any one for the sake of example to others; that punishment is just, only when intended for the good of the sufferer himself. Others maintain the extreme reverse, contending that to punish persons

who have attained years of discretion, for their own benefit, is despotism and injustice, since if the matter at issue is solely their own good, no one has a right to control their own judgment of it; but that they may justly be punished to prevent evil to others, this being an exercise of the legitimate right of self-defence. Mr. Owen, again, affirms that it is unjust to punish at all; for the criminal did not make his own character; his education, and the circumstances which surround him, have made him a criminal, and for these he is not responsible. All these opinions are extremely plausible; and so long as the question is argued as one of justice simply, without going down to the principles which lie under justice and are the source of its authority, I am unable to see how any of these reasoners can be refuted. For, in truth, every one of the three builds upon rules of justice confessedly true. The first appeals to the acknowledged injustice of singling out an individual, and making him a sacrifice, without his consent, for other people's benefit. The second relies on the acknowledged justice of self-defence, and the admitted injustice of forcing one person to conform to another's notions of what constitutes his good. The Owenite invokes the admitted principle, that it is unjust to punish any one for what he cannot help. Each is triumphant so long as he is not compelled to take into consideration any other maxims of justice than the one he has selected; but as soon as their several maxims are brought face to face, each disputant seems to have exactly as much to say for himself as the others. No one of them can carry out his own notion of justice without trampling upon another equally binding. These are difficulties; they have always been felt to be such; and many devices have been invented to turn rather than to overcome them. As a refuge from the last of the three, men imagined what they called the freedom of the will; fancying that they could not justify punishing a man whose will is in a thoroughly hateful state, unless it be supposed to have come into that state through no influence of anterior circumstances. To escape from the other difficulties, a favourite contrivance has been the fiction of a contract, whereby at some unknown period all the members of society engaged to

obey the laws, and consented to be punished for any disobedience to them; thereby giving to their legislators the right, which it is assumed they would not otherwise have had, of punishing them, either for their own good or for that of society. This happy thought was considered to get rid of the whole difficulty, and to legitimate the infliction of punishment, in virtue of another received maxim of justice, *volenti non fit injuria*; that is not unjust which is done with the consent of the person who is supposed to be hurt by it. I need hardly remark, that even if the consent were not a mere fiction, this maxim is not superior in authority to the others which it is brought in to supersede. It is, on the contrary, an instructive specimen of the loose and irregular manner in which supposed principles of justice grow up. This particular one evidently came into use as a help to the coarse exigencies of courts of law, which are sometimes obliged to be content with very uncertain presumptions, on account of the greater evils which would often arise from any attempt on their part to cut finer. But even courts of law are not able to adhere consistently to the maxim, for they allow voluntary engagements to be set aside on the ground of fraud, and sometimes on that of mere mistake or misinformation.

Again, when the legitimacy of inflicting punishment is admitted, how many conflicting conceptions of justice come to light in discussing the proper apportionment of punishment to offences. No rule on this subject recommends itself so strongly to the primitive and spontaneous sentiment of justice, as the *lex talionis*, an eye for an eye and a tooth for a tooth. Though this principle of the Jewish and of the Mahomedan law has been generally abandoned in Europe as a practical maxim, there is, I suspect, in most minds, a secret hankering after it; and when retribution accidentally falls on an offender in that precise shape, the general feeling of satisfaction evinced, bears witness how natural is the sentiment to which this repayment in kind is acceptable. With many the test of justice in penal infliction is that the punishment should be proportioned to the offence; meaning that it should be exactly measured by the moral guilt of the culprit (whatever be their standard for measuring

moral guilt): the consideration, what amount of punishment is necessary to deter from the offence, having nothing to do with the question of justice, in their estimation: while there are others to whom that consideration is all in all; who maintain that it is not just, at least for man, to inflict on a fellow creature, whatever may be his offences, any amount of suffering beyond the least that will suffice to prevent him from repeating, and others from imitating, his misconduct.

To take another example from a subject already once referred to. In a co-operative industrial association, is it just or not that talent or skill should give a title to superior remuneration? On the negative side of the question it is argued, that whoever does the best he can, deserves equally well, and ought not in justice to be put in a position of inferiority for no fault of his own; that superior abilities have already advantages more than enough, in the admiration they excite, the personal influence they command, and the internal sources of satisfaction attending them, without adding to these a superior share of the world's goods; and that society is bound in justice rather to make compensation to the less favoured, for this unmerited inequality of advantages, than to aggravate it. On the contrary side it is contended, that society receives more from the more efficient labourer; that his services being more useful, society owes him a larger return for them; that a greater share of the joint result is actually his work, and not to allow his claim to it is a kind of robbery; that if he is only to receive as much as others, he can only be justly required to produce as much, and to give a smaller amount of time and exertion, proportioned to his superior efficiency. Who shall decide between these appeals to conflicting principles of justice? Justice has in this case two sides to it, which it is impossible to bring into harmony, and the two disputants have chosen opposite sides; the one looks to what it is just that the individual should receive, the other to what it is just that the community should give. Each, from his own point of view, is unanswerable; and any choice between them, on grounds of

justice, must be perfectly arbitrary. Social utility alone can decide the preference.

How many, again, and how irreconcilable, are the standards of justice to which reference is made in discussing the repartition of taxation. One opinion is, that payment to the State should be in numerical proportion to pecuniary means. Others think that justice dictates what they term graduated taxation; taking a higher percentage from those who have more to spare. In point of natural justice a strong case might be made for disregarding means altogether, and taking the same absolute sum (whenever it could be got) from every one: as the subscribers to a mess, or to a club, all pay the same sum for the same privileges, whether they can all equally afford it or not. Since the protection (it might be said) of law and government is afforded to, and is equally required by, all, there is no injustice in making all buy it at the same price. It is reckoned justice, not injustice, that a dealer should charge to all customers the same price for the same article, not a price varying according to their means of payment. This doctrine, as applied to taxation, finds no advocates, because it conflicts strongly with men's feelings of humanity and perceptions of social expediency; but the principle of justice which it invokes is as true and as binding as those which can be appealed to against it. Accordingly, it exerts a tacit influence on the line of defence employed for other modes of assessing taxation. People feel obliged to argue that the State does more for the rich than for the poor, as a justification for its taking more from them: though this is in reality not true, for the rich would be far better able to protect themselves, in the absence of law or government, than the poor, and indeed would probably be successful in converting the poor into their slaves. Others, again, so far defer to the same conception of justice, as to maintain that all should pay an equal capitation tax for the protection of their persons (these being of equal value to all), and an unequal tax for the protection of their property, which is unequal. To this others reply, that the all of one man is as valuable to him as the all of another. From these confusions there is no other mode of extrication than the utilitarian.

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Is, then, the difference between the Just and the Expedient a merely imaginary distinction? Have mankind been under a delusion in thinking that justice is a more sacred thing than policy, and that the latter ought only to be listened to after the former has been satisfied? By no means. The exposition we have given of the nature and origin of the sentiment, recognises a real distinction; and no one of those who profess the most sublime contempt for the consequences of actions as an element in their morality, attaches more importance to the distinction than I do. While I dispute the pretensions of any theory which sets up an imaginary standard of justice not grounded on utility, I account the justice which is grounded on utility to be the chief part, and incomparably the most sacred and binding part, of all morality. Justice is a name for certain classes of moral rules, which concern the essentials of human well-being more nearly, and are therefore of more absolute obligation, than any other rules for the guidance of life; and the notion which we have found to be of the essence of the idea of justice, that of a right residing in an individual, implies and testifies to this more binding obligation.

The moral rules which forbid mankind to hurt one another (in which we must never forget to include wrongful interference with each other's freedom) are more vital to human well-being than any maxims, however important, which only point out the best mode of managing some department of human affairs. They have also the peculiarity, that they are the main element in determining the whole of the social feelings of mankind. It is their observance which alone preserves peace among human beings: if obedience to them were not the rule, and disobedience the exception, every one would see in every one else a probable enemy, against whom he must be perpetually guarding himself. What is hardly less important, these are the precepts which mankind have the strongest and the most direct inducements for impressing upon one another. By merely giving to each other prudential instruction or exhortation, they may gain, or think they gain, nothing; in inculcating on each other the

duty of positive beneficence they have an unmistakeable interest, but far less in degree: a person may possibly not need the benefits of others; but he always needs that they should not do him hurt. Thus the moralities which protect every individual from being harmed by others, either directly or by being hindered in his freedom of pursuing his own good, are at once those which he himself has most at heart, and those which he has the strongest interest in publishing and enforcing by word and deed. It is by a person's observance of these, that his fitness to exist as one of the fellowship of human beings, is tested and decided; for on that depends his being a nuisance or not to those with whom he is in contact. Now it is these moralities primarily, which compose the obligations of justice. The most marked cases of injustice, and those which give the tone to the feeling of repugnance which characterizes the sentiment, are acts of wrongful aggression, or wrongful exercise of power over some one; the next are those which consist in wrongfully withholding from him something which is his due; in both cases, inflicting on him a positive hurt, either in the form of direct suffering, or of the privation of some good which he had reasonable ground, either of a physical or of a social kind, for counting upon.

The same powerful motives which command the observance of these primary moralities, enjoin the punishment of those who violate them; and as the impulses of self-defence, of defence of others, and of vengeance, are all called forth against such persons, retribution, or evil for evil, becomes closely connected with the sentiment of justice, and is universally included in the idea. Good for good is also one of the dictates of justice; and this, though its social utility is evident, and though it carries with it a natural human feeling, has not at first sight that obvious connexion with hurt or injury, which, existing in the most elementary cases of just and unjust, is the source of the characteristic intensity of the sentiment. But the connexion, though less obvious, is not less real. He who accepts benefits, and denies a return of them when needed, inflicts a real hurt, by disappointing one of the most natural and reasonable

of expectations, and one which he must at least tacitly have encouraged, otherwise the benefits would seldom have been conferred. The important rank, among human evils and wrongs, of the disappointment of expectation, is shown in the fact that it constitutes the principal criminality of two such highly immoral acts as a breach of friendship and a breach of promise. Few hurts which human beings can sustain are greater, and none wound more, than when that on which they habitually and with full assurance relied, fails them in the hour of need; and few wrongs are greater than this mere withholding of good; none excite more resentment, either in the person suffering, or in a sympathizing spectator. The principle, therefore, of giving to each what they deserve, that is, good for good as well as evil for evil, is not only included within the idea of Justice as we have defined it, but is a proper object of that intensity of sentiment, which places the Just, in human estimation, above the simply Expedient.

Most of the maxims of justice current in the world, and commonly appealed to in its transactions, are simply instrumental to carrying into effect the principles of justice which we have now spoken of. That a person is only responsible for what he has done voluntarily, or could voluntarily have avoided; that it is unjust to condemn any person unheard; that the punishment ought to be proportioned to the offence, and the like, are maxims intended to prevent the just principle of evil for evil from being perverted to the infliction of evil without that justification. The greater part of these common maxims have come into use from the practice of courts of justice, which have been naturally led to a more complete recognition and elaboration than was likely to suggest itself to others, of the rules necessary to enable them to fulfil their double function, of inflicting punishment when due, and of awarding to each person his right.

That first of judicial virtues, impartiality, is an obligation of justice, partly for the reason last mentioned; as being a necessary condition of the fulfilment of the other obligations of justice. But this is not the only source of the exalted rank, among human obligations, of those maxims of equality and impartiality, which, both in popular

estimation and in that of the most enlightened, are included among the precepts of justice. In one point of view, they may be considered as corollaries from the principles already laid down. If it is a duty to do to each according to his deserts, returning good for good as well as repressing evil by evil, it necessarily follows that we should treat all equally well (when no higher duty forbids) who have deserved equally well of us, and that society should treat all equally well who have deserved equally well of it, that is, who have deserved equally well absolutely. This is the highest abstract standard of social and distributive justice; towards which all institutions, and the efforts of all virtuous citizens, should be made in the utmost possible degree to converge. But this great moral duty rests upon a still deeper foundation, being a direct emanation from the first principle of morals, and not a mere logical corollary from secondary or derivative doctrines. It is involved in the very meaning of Utility, or the Greatest-Happiness Principle. That principle is a mere form of words without rational signification, unless one person's happiness, supposed equal in degree (with the proper allowance made for kind), is counted for exactly as much as another's. Those conditions being supplied, Bentham's dictum, 'everybody to count for one, nobody for more than one,' might be written under the principle of utility as an explanatory commentary.<sup>[D]</sup> The equal claim of everybody to happiness in the estimation of the moralist and the legislator, involves an equal claim to all the means of happiness, except in so far as the inevitable conditions of human life, and the general interest, in which that of every individual is included, set limits to the maxim; and those limits ought to be strictly construed. As every other maxim of justice, so this, is by no means applied or held applicable universally; on the contrary, as I have already remarked, it bends to every person's ideas of social expediency. But in whatever case it is deemed applicable at all, it is held to be the dictate of justice. All persons are deemed to have a *right* to equality of treatment, except when some recognised social expediency requires the reverse. And hence all social inequalities which have ceased to be considered expedient, assume the character not of

simple inexpediency, but of injustice, and appear so tyrannical, that people are apt to wonder how they ever could have been tolerated; forgetful that they themselves perhaps tolerate other inequalities under an equally mistaken notion of expediency, the correction of which would make that which they approve seem quite as monstrous as what they have at last learnt to condemn. The entire history of social improvement has been a series of transitions, by which one custom or institution after another, from being a supposed primary necessity of social existence, has passed into the rank of an universally stigmatized injustice and tyranny. So it has been with the distinctions of slaves and freemen, nobles and serfs, patricians and plebeians; and so it will be, and in part already is, with the aristocracies of colour, race, and sex.

It appears from what has been said, that justice is a name for certain moral requirements, which, regarded collectively, stand higher in the scale of social utility, and are therefore of more paramount obligation, than any others; though particular cases may occur in which some other social duty is so important, as to overrule any one of the general maxims of justice. Thus, to save a life, it may not only be allowable, but a duty, to steal, or take by force, the necessary food or medicine, or to kidnap, and compel to officiate, the only qualified medical practitioner. In such cases, as we do not call anything justice which is not a virtue, we usually say, not that justice must give way to some other moral principle, but that what is just in ordinary cases is, by reason of that other principle, not just in the particular case. By this useful accommodation of language, the character of indefeasibility attributed to justice is kept up, and we are saved from the necessity of maintaining that there can be laudable injustice.

The considerations which have now been adduced resolve, I conceive, the only real difficulty in the utilitarian theory of morals. It has always been evident that all cases of justice are also cases of expediency: the difference is in the peculiar sentiment which attaches to the former, as contradistinguished from the latter. If this characteristic sentiment has been sufficiently accounted for; if

there is no necessity to assume for it any peculiarity of origin; if it is simply the natural feeling of resentment, moralized by being made coextensive with the demands of social good; and if this feeling not only does but ought to exist in all the classes of cases to which the idea of justice corresponds; that idea no longer presents itself as a stumbling-block to the utilitarian ethics. Justice remains the appropriate name for certain social utilities which are vastly more important, and therefore more absolute and imperative, than any others are as a class (though not more so than others may be in particular cases); and which, therefore, ought to be, as well as naturally are, guarded by a sentiment not only different in degree, but also in kind; distinguished from the milder feeling which attaches to the mere idea of promoting human pleasure or convenience, at once by the more definite nature of its commands, and by the sterner character of its sanctions.

THE END.

FOOTNOTES:

[C]

See this point enforced and illustrated by Professor Bain, in an admirable chapter (entitled “The Ethical Emotions, or the Moral Sense”) of the second of the two treatises composing his elaborate and profound work on the Mind.

[D]

This implication, in the first principle of the utilitarian scheme, of perfect impartiality between persons, is regarded by Mr. Herbert Spencer (in his *Social Statics*) as a disproof of the pretensions of utility to be a sufficient guide to right; since (he says) the principle of utility presupposes the anterior principle, that everybody has an equal right to happiness. It may be more correctly described as supposing that equal amounts of happiness are equally desirable, whether felt by the same or by different persons. This, however,

is not a pre-supposition; not a premise needful to support the principle of utility, but the very principle itself; for what is the principle of utility, if it be not that 'happiness' and 'desirable' are synonymous terms? If there is any anterior principle implied, it can be no other than this, that the truths of arithmetic are applicable to the valuation of happiness, as of all other measurable quantities.

[Mr. Herbert Spencer, in a private communication on the subject of the preceding Note, objects to being considered an opponent of Utilitarianism; and states that he regards happiness as the ultimate end of morality; but deems that end only partially attainable by empirical generalizations from the observed results of conduct, and completely attainable only by deducing, from the laws of life and the conditions of existence, what kinds of action necessarily tend to produce happiness, and what kinds to produce unhappiness. With the exception of the word "necessarily," I have no dissent to express from this doctrine; and (omitting that word) I am not aware that any modern advocate of utilitarianism is of a different opinion. Bentham, certainly, to whom in the *Social Statics* Mr. Spencer particularly referred, is, least of all writers, chargeable with unwillingness to deduce the effect of actions on happiness from the laws of human nature and the universal conditions of human life. The common charge against him is of relying too exclusively upon such deductions, and declining altogether to be bound by the generalizations from specific experience which Mr. Spencer thinks that utilitarians generally confine themselves to. My own opinion (and, as I collect, Mr. Spencer's) is, that in ethics, as in all other branches of scientific study, the consilience of the results of both these processes, each corroborating and verifying the other, is requisite to give to any general proposition the kind and degree of evidence which constitutes scientific proof.]

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# UTILITARIANISM

BY

JOHN STUART MILL

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### UTILITARIANISM.

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#### CHAPTER I.

GENERAL REMARKS. There are few circumstances among those which make up the present condition of human knowledge, more unlike what might have been expected, or more significant of the backward state in which speculation on the most important subjects still lingers, than the little progress which has been made in the decision of the controversy respecting the criterion of right and wrong. From the dawn of philosophy, the question concerning the *summum bonum*, or, what is the same thing, concerning the foundation of morality, has been accounted the main problem in speculative thought, has occupied the most gifted intellects, and divided them into sects and schools, carrying on a vigorous warfare against one another. And after more than two thousand years the same discussions continue, philosophers are still ranged under the same contending banners, and neither thinkers nor mankind at large seem nearer to being unanimous on the subject, than when the youth Socrates listened to the old Protagoras, and asserted (if Plato's dialogue be grounded on a real conversation) the theory of utilitarianism against the popular morality of the so-called sophist.

It is true that similar confusion and uncertainty, and in some cases similar discordance, exist respecting the first principles of all the

sciences, not excepting that which is deemed the most certain of them, mathematics; without much impairing, generally indeed without impairing at all, the trustworthiness of the conclusions of those sciences. An apparent anomaly, the explanation of which is, that the detailed doctrines of a science are not usually deduced from, nor depend for their evidence upon, what are called its first principles. Were it not so, there would be no science more precarious, or whose conclusions were more insufficiently made out, than algebra; which derives none of its certainty from what are commonly taught to learners as its elements, since these, as laid down by some of its most eminent teachers, are as full of fictions as English law, and of mysteries as theology. The truths which are ultimately accepted as the first principles of a science, are really the last results of metaphysical analysis, practised on the elementary notions with which the science is conversant; and their relation to the science is not that of foundations to an edifice, but of roots to a tree, which may perform their office equally well though they be never dug down to and exposed to light. But though in science the particular truths precede the general theory, the contrary might be expected to be the case with a practical art, such as morals or legislation. All action is for the sake of some end, and rules of action, it seems natural to suppose, must take their whole character and colour from the end to which they are subservient. When we engage in a pursuit, a clear and precise conception of what we are pursuing would seem to be the first thing we need, instead of the last we are to look forward to. A test of right and wrong must be the means, one would think, of ascertaining what is right or wrong, and not a consequence of having already ascertained it.

The difficulty is not avoided by having recourse to the popular theory of a natural faculty, a sense or instinct, informing us of right and wrong. For—besides that the existence of such a moral instinct is itself one of the matters in dispute—those believers in it who have any pretensions to philosophy, have been obliged to abandon the idea that it discerns what is right or wrong in the particular case in hand, as our other senses discern the sight or sound actually

present. Our moral faculty, according to all those of its interpreters who are entitled to the name of thinkers, supplies us only with the general principles of moral judgments; it is a branch of our reason, not of our sensitive faculty; and must be looked to for the abstract doctrines of morality, not for perception of it in the concrete. The intuitive, no less than what may be termed the inductive, school of ethics, insists on the necessity of general laws. They both agree that the morality of an individual action is not a question of direct perception, but of the application of a law to an individual case. They recognise also, to a great extent, the same moral laws; but differ as to their evidence, and the source from which they derive their authority. According to the one opinion, the principles of morals are evident *à priori*, requiring nothing to command assent, except that the meaning of the terms be understood. According to the other doctrine, right and wrong, as well as truth and falsehood, are questions of observation and experience. But both hold equally that morality must be deduced from principles; and the intuitive school affirm as strongly as the inductive, that there is a science of morals. Yet they seldom attempt to make out a list of the *à priori* principles which are to serve as the premises of the science; still more rarely do they make any effort to reduce those various principles to one first principle, or common ground of obligation. They either assume the ordinary precepts of morals as of *à priori* authority, or they lay down as the common groundwork of those maxims, some generality much less obviously authoritative than the maxims themselves, and which has never succeeded in gaining popular acceptance. Yet to support their pretensions there ought either to be some one fundamental principle or law, at the root of all morality, or if there be several, there should be a determinate order of precedence among them; and the one principle, or the rule for deciding between the various principles when they conflict, ought to be self-evident.

To inquire how far the bad effects of this deficiency have been mitigated in practice, or to what extent the moral beliefs of mankind have been vitiated or made uncertain by the absence of any distinct recognition of an ultimate standard, would imply a complete survey

and criticism of past and present ethical doctrine. It would, however, be easy to show that whatever steadiness or consistency these moral beliefs have attained, has been mainly due to the tacit influence of a standard not recognised. Although the non-existence of an acknowledged first principle has made ethics not so much a guide as a consecration of men's actual sentiments, still, as men's sentiments, both of favour and of aversion, are greatly influenced by what they suppose to be the effects of things upon their happiness, the principle of utility, or as Bentham latterly called it, the greatest happiness principle, has had a large share in forming the moral doctrines even of those who most scornfully reject its authority. Nor is there any school of thought which refuses to admit that the influence of actions on happiness is a most material and even predominant consideration in many of the details of morals, however unwilling to acknowledge it as the fundamental principle of morality, and the source of moral obligation. I might go much further, and say that to all those *à priori* moralists who deem it necessary to argue at all, utilitarian arguments are indispensable. It is not my present purpose to criticise these thinkers; but I cannot help referring, for illustration, to a systematic treatise by one of the most illustrious of them, the *Metaphysics of Ethics*, by Kant. This remarkable man, whose system of thought will long remain one of the landmarks in the history of philosophical speculation, does, in the treatise in question, lay down an universal first principle as the origin and ground of moral obligation; it is this:—'So act, that the rule on which thou actest would admit of being adopted as a law by all rational beings.' But when he begins to deduce from this precept any of the actual duties of morality, he fails, almost grotesquely, to show that there would be any contradiction, any logical (not to say physical) impossibility, in the adoption by all rational beings of the most outrageously immoral rules of conduct. All he shows is that the *consequences* of their universal adoption would be such as no one would choose to incur.

On the present occasion, I shall, without further discussion of the other theories, attempt to contribute something towards the

understanding and appreciation of the Utilitarian or Happiness theory, and towards such proof as it is susceptible of. It is evident that this cannot be proof in the ordinary and popular meaning of the term. Questions of ultimate ends are not amenable to direct proof. Whatever can be proved to be good, must be so by being shown to be a means to something admitted to be good without proof. The medical art is proved to be good, by its conducing to health; but how is it possible to prove that health is good? The art of music is good, for the reason, among others, that it produces pleasure; but what proof is it possible to give that pleasure is good? If, then, it is asserted that there is a comprehensive formula, including all things which are in themselves good, and that whatever else is good, is not so as an end, but as a mean, the formula may be accepted or rejected, but is not a subject of what is commonly understood by proof. We are not, however, to infer that its acceptance or rejection must depend on blind impulse, or arbitrary choice. There is a larger meaning of the word proof, in which this question is as amenable to it as any other of the disputed questions of philosophy. The subject is within the cognizance of the rational faculty; and neither does that faculty deal with it solely in the way of intuition. Considerations may be presented capable of determining the intellect either to give or withhold its assent to the doctrine; and this is equivalent to proof.

We shall examine presently of what nature are these considerations; in what manner they apply to the case, and what rational grounds, therefore, can be given for accepting or rejecting the utilitarian formula. But it is a preliminary condition of rational acceptance or rejection, that the formula should be correctly understood. I believe that the very imperfect notion ordinarily formed of its meaning, is the chief obstacle which impedes its reception; and that could it be cleared, even from only the grosser misconceptions, the question would be greatly simplified, and a large proportion of its difficulties removed. Before, therefore, I attempt to enter into the philosophical grounds which can be given for assenting to the utilitarian standard, I shall offer some illustrations of the doctrine itself; with the view of showing more

clearly what it is, distinguishing it from what it is not, and disposing of such of the practical objections to it as either originate in, or are closely connected with, mistaken interpretations of its meaning. Having thus prepared the ground, I shall afterwards endeavour to throw such light as I can upon the question, considered as one of philosophical theory.

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## CHAPTER II.

WHAT UTILITARIANISM IS. A passing remark is all that needs be given to the ignorant blunder of supposing that those who stand up for utility as the test of right and wrong, use the term in that restricted and merely colloquial sense in which utility is opposed to pleasure. An apology is due to the philosophical opponents of utilitarianism, for even the momentary appearance of confounding them with any one capable of so absurd a misconception; which is the more extraordinary, inasmuch as the contrary accusation, of referring everything to pleasure, and that too in its grossest form, is another of the common charges against utilitarianism: and, as has been pointedly remarked by an able writer, the same sort of persons, and often the very same persons, denounce the theory “as impracticably dry when the word utility precedes the word pleasure, and as too practicably voluptuous when the word pleasure precedes the word utility.” Those who know anything about the matter are aware that every writer, from Epicurus to Bentham, who maintained the theory of utility, meant by it, not something to be contradistinguished from pleasure, but pleasure itself, together with exemption from pain; and instead of opposing the useful to the agreeable or the ornamental, have always declared that the useful means these, among other things. Yet the common herd, including the herd of writers, not only in newspapers and

periodicals, but in books of weight and pretension, are perpetually falling into this shallow mistake. Having caught up the word utilitarian, while knowing nothing whatever about it but its sound, they habitually express by it the rejection, or the neglect, of pleasure in some of its forms; of beauty, of ornament, or of amusement. Nor is the term thus ignorantly misapplied solely in disparagement, but occasionally in compliment; as though it implied superiority to frivolity and the mere pleasures of the moment. And this perverted use is the only one in which the word is popularly known, and the one from which the new generation are acquiring their sole notion of its meaning. Those who introduced the word, but who had for many years discontinued it as a distinctive appellation, may well feel themselves called upon to resume it, if by doing so they can hope to contribute anything towards rescuing it from this utter degradation.<sup>[A]</sup>

The creed which accepts as the foundation of morals, Utility, or the Greatest Happiness Principle, holds that actions are right in proportion as they tend to promote happiness, wrong as they tend to produce the reverse of happiness. By happiness is intended pleasure, and the absence of pain; by unhappiness, pain, and the privation of pleasure. To give a clear view of the moral standard set up by the theory, much more requires to be said; in particular, what things it includes in the ideas of pain and pleasure; and to what extent this is left an open question. But these supplementary explanations do not affect the theory of life on which this theory of morality is grounded—namely, that pleasure, and freedom from pain, are the only things desirable as ends; and that all desirable things (which are as numerous in the utilitarian as in any other scheme) are desirable either for the pleasure inherent in themselves, or as means to the promotion of pleasure and the prevention of pain.

Now, such a theory of life excites in many minds, and among them in some of the most estimable in feeling and purpose, inveterate dislike. To suppose that life has (as they express it) no higher end than pleasure—no better and nobler object of desire and

pursuit—they designate as utterly mean and grovelling; as a doctrine worthy only of swine, to whom the followers of Epicurus were, at a very early period, contemptuously likened; and modern holders of the doctrine are occasionally made the subject of equally polite comparisons by its German, French, and English assailants.

When thus attacked, the Epicureans have always answered, that it is not they, but their accusers, who represent human nature in a degrading light; since the accusation supposes human beings to be capable of no pleasures except those of which swine are capable. If this supposition were true, the charge could not be gainsaid, but would then be no longer an imputation; for if the sources of pleasure were precisely the same to human beings and to swine, the rule of life which is good enough for the one would be good enough for the other. The comparison of the Epicurean life to that of beasts is felt as degrading, precisely because a beast's pleasures do not satisfy a human being's conceptions of happiness. Human beings have faculties more elevated than the animal appetites, and when once made conscious of them, do not regard anything as happiness which does not include their gratification. I do not, indeed, consider the Epicureans to have been by any means faultless in drawing out their scheme of consequences from the utilitarian principle. To do this in any sufficient manner, many Stoic, as well as Christian elements require to be included. But there is no known Epicurean theory of life which does not assign to the pleasures of the intellect; of the feelings and imagination, and of the moral sentiments, a much higher value as pleasures than to those of mere sensation. It must be admitted, however, that utilitarian writers in general have placed the superiority of mental over bodily pleasures chiefly in the greater permanency, safety, uncostliness, &c., of the former—that is, in their circumstantial advantages rather than in their intrinsic nature. And on all these points utilitarians have fully proved their case; but they might have taken the other, and, as it may be called, higher ground, with entire consistency. It is quite compatible with the principle of utility to recognise the fact, that some *kinds* of pleasure are more desirable and more valuable than others. It would be absurd that

while, in estimating all other things, quality is considered as well as quantity, the estimation of pleasures should be supposed to depend on quantity alone.

If I am asked, what I mean by difference of quality in pleasures, or what makes one pleasure more valuable than another, merely as a pleasure, except its being greater in amount, there is but one possible answer. Of two pleasures, if there be one to which all or almost all who have experience of both give a decided preference, irrespective of any feeling of moral obligation to prefer it, that is the more desirable pleasure. If one of the two is, by those who are competently acquainted with both, placed so far above the other that they prefer it, even though knowing it to be attended with a greater amount of discontent, and would not resign it for any quantity of the other pleasure which their nature is capable of, we are justified in ascribing to the preferred enjoyment a superiority in quality, so far outweighing quantity as to render it, in comparison, of small account.

Now it is an unquestionable fact that those who are equally acquainted with, and equally capable of appreciating and enjoying, both, do give a most marked preference to the manner of existence which employs their higher faculties. Few human creatures would consent to be changed into any of the lower animals, for a promise of the fullest allowance of a beast's pleasures; no intelligent human being would consent to be a fool, no instructed person would be an ignoramus, no person of feeling and conscience would be selfish and base, even though they should be persuaded that the fool, the dunce, or the rascal is better satisfied with his lot than they are with theirs. They would not resign what they possess more than he, for the most complete satisfaction of all the desires which they have in common with him. If they ever fancy they would, it is only in cases of unhappiness so extreme, that to escape from it they would exchange their lot for almost any other, however undesirable in their own eyes. A being of higher faculties requires more to make him happy, is capable probably of more acute suffering, and is certainly accessible to it at more points, than one of an inferior

type; but in spite of these liabilities, he can never really wish to sink into what he feels to be a lower grade of existence. We may give what explanation we please of this unwillingness; we may attribute it to pride, a name which is given indiscriminately to some of the most and to some of the least estimable feelings of which mankind are capable; we may refer it to the love of liberty and personal independence, an appeal to which was with the Stoics one of the most effective means for the inculcation of it; to the love of power, or to the love of excitement, both of which do really enter into and contribute to it: but its most appropriate appellation is a sense of dignity, which all human beings possess in one form or other, and in some, though by no means in exact, proportion to their higher faculties, and which is so essential a part of the happiness of those in whom it is strong, that nothing which conflicts with it could be, otherwise than momentarily, an object of desire to them. Whoever supposes that this preference takes place at a sacrifice of happiness—that the superior being, in anything like equal circumstances, is not happier than the inferior—confounds the two very different ideas, of happiness, and content. It is indisputable that the being whose capacities of enjoyment are low, has the greatest chance of having them fully satisfied; and a highly-endowed being will always feel that any happiness which he can look for, as the world is constituted, is imperfect. But he can learn to bear its imperfections, if they are at all bearable; and they will not make him envy the being who is indeed unconscious of the imperfections, but only because he feels not at all the good which those imperfections qualify. It is better to be a human being dissatisfied than a pig satisfied; better to be Socrates dissatisfied than a fool satisfied. And if the fool, or the pig, is of a different opinion, it is because they only know their own side of the question. The other party to the comparison knows both sides.

It may be objected, that many who are capable of the higher pleasures, occasionally, under the influence of temptation, postpone them to the lower. But this is quite compatible with a full appreciation of the intrinsic superiority of the higher. Men often,

from infirmity of character, make their election for the nearer good, though they know it to be the less valuable; and this no less when the choice is between two bodily pleasures, than when it is between bodily and mental. They pursue sensual indulgences to the injury of health, though perfectly aware that health is the greater good. It may be further objected, that many who begin with youthful enthusiasm for everything noble, as they advance in years sink into indolence and selfishness. But I do not believe that those who undergo this very common change, voluntarily choose the lower description of pleasures in preference to the higher. I believe that before they devote themselves exclusively to the one, they have already become incapable of the other. Capacity for the nobler feelings is in most natures a very tender plant, easily killed, not only by hostile influences, but by mere want of sustenance; and in the majority of young persons it speedily dies away if the occupations to which their position in life has devoted them, and the society into which it has thrown them, are not favourable to keeping that higher capacity in exercise. Men lose their high aspirations as they lose their intellectual tastes, because they have not time or opportunity for indulging them; and they addict themselves to inferior pleasures, not because they deliberately prefer them, but because they are either the only ones to which they have access, or the only ones which they are any longer capable of enjoying. It may be questioned whether any one who has remained equally susceptible to both classes of pleasures, ever knowingly and calmly preferred the lower; though many, in all ages, have broken down in an ineffectual attempt to combine both.

From this verdict of the only competent judges, I apprehend there can be no appeal. On a question which is the best worth having of two pleasures, or which of two modes of existence is the most grateful to the feelings, apart from its moral attributes and from its consequences, the judgment of those who are qualified by knowledge of both, or, if they differ, that of the majority among them, must be admitted as final. And there needs be the less hesitation to accept this judgment respecting the quality of

pleasures, since there is no other tribunal to be referred to even on the question of quantity. What means are there of determining which is the acutest of two pains, or the intensest of two pleasurable sensations, except the general suffrage of those who are familiar with both? Neither pains nor pleasures are homogeneous, and pain is always heterogeneous with pleasure. What is there to decide whether a particular pleasure is worth purchasing at the cost of a particular pain, except the feelings and judgment of the experienced? When, therefore, those feelings and judgment declare the pleasures derived from the higher faculties to be preferable *in kind*, apart from the question of intensity, to those of which the animal nature, disjoined from the higher faculties, is susceptible, they are entitled on this subject to the same regard.

I have dwelt on this point, as being a necessary part of a perfectly just conception of Utility or Happiness, considered as the directive rule of human conduct. But it is by no means an indispensable condition to the acceptance of the utilitarian standard; for that standard is not the agent's own greatest happiness, but the greatest amount of happiness altogether; and if it may possibly be doubted whether a noble character is always the happier for its nobleness, there can be no doubt that it makes other people happier, and that the world in general is immensely a gainer by it. Utilitarianism, therefore, could only attain its end by the general cultivation of nobleness of character, even if each individual were only benefited by the nobleness of others, and his own, so far as happiness is concerned, were a sheer deduction from the benefit. But the bare enunciation of such an absurdity as this last, renders refutation superfluous.

According to the Greatest Happiness Principle, as above explained, the ultimate end, with reference to and for the sake of which all other things are desirable (whether we are considering our own good or that of other people), is an existence exempt as far as possible from pain, and as rich as possible in enjoyments, both in point of quantity and quality; the test of quality, and the rule for measuring it against quantity, being the preference felt by

those who, in their opportunities of experience, to which must be added their habits of self-consciousness and self-observation, are best furnished with the means of comparison. This, being, according to the utilitarian opinion, the end of human action, is necessarily also the standard of morality; which may accordingly be defined, the rules and precepts for human conduct, by the observance of which an existence such as has been described might be, to the greatest extent possible, secured to all mankind; and not to them only, but, so far as the nature of things admits, to the whole sentient creation.

Against this doctrine, however, arises another class of objectors, who say that happiness, in any form, cannot be the rational purpose of human life and action; because, in the first place, it is unattainable: and they contemptuously ask, What right hast thou to be happy? a question which Mr. Carlyle clenches by the addition, What right, a short time ago, hadst thou even to *be*? Next, they say, that men can do *without* happiness; that all noble human beings have felt this, and could not have become noble but by learning the lesson of *Entsagen*, or renunciation; which lesson, thoroughly learnt and submitted to, they affirm to be the beginning and necessary condition of all virtue.

The first of these objections would go to the root of the matter were it well founded; for if no happiness is to be had at all by human beings, the attainment of it cannot be the end of morality, or of any rational conduct. Though, even in that case, something might still be said for the utilitarian theory; since utility includes not solely the pursuit of happiness, but the prevention or mitigation of unhappiness; and if the former aim be chimerical, there will be all the greater scope and more imperative need for the latter, so long at least as mankind think fit to live, and do not take refuge in the simultaneous act of suicide recommended under certain conditions by Novalis. When, however, it is thus positively asserted to be impossible that human life should be happy, the assertion, if not something like a verbal quibble, is at least an exaggeration. If by happiness be meant a continuity of highly pleasurable excitement, it is evident enough that this is impossible. A state of exalted pleasure

lasts only moments, or in some cases, and with some intermissions, hours or days, and is the occasional brilliant flash of enjoyment, not its permanent and steady flame. Of this the philosophers who have taught that happiness is the end of life were as fully aware as those who taunt them. The happiness which they meant was not a life of rapture, but moments of such, in an existence made up of few and transitory pains, many and various pleasures, with a decided predominance of the active over the passive, and having as the foundation of the whole, not to expect more from life than it is capable of bestowing. A life thus composed, to those who have been fortunate enough to obtain it, has always appeared worthy of the name of happiness. And such an existence is even now the lot of many, during some considerable portion of their lives. The present wretched education, and wretched social arrangements, are the only real hindrance to its being attainable by almost all.

The objectors perhaps may doubt whether human beings, if taught to consider happiness as the end of life, would be satisfied with such a moderate share of it. But great numbers of mankind have been satisfied with much less. The main constituents of a satisfied life appear to be two, either of which by itself is often found sufficient for the purpose: tranquillity, and excitement. With much tranquillity, many find that they can be content with very little pleasure: with much excitement, many can reconcile themselves to a considerable quantity of pain. There is assuredly no inherent impossibility in enabling even the mass of mankind to unite both; since the two are so far from being incompatible that they are in natural alliance, the prolongation of either being a preparation for, and exciting a wish for, the other. It is only those in whom indolence amounts to a vice, that do not desire excitement after an interval of repose; it is only those in whom the need of excitement is a disease, that feel the tranquillity which follows excitement dull and insipid, instead of pleasurable in direct proportion to the excitement which preceded it. When people who are tolerably fortunate in their outward lot do not find in life sufficient enjoyment to make it valuable to them, the cause generally is, caring for nobody but

themselves. To those who have neither public nor private affections, the excitements of life are much curtailed, and in any case dwindle in value as the time approaches when all selfish interests must be terminated by death: while those who leave after them objects of personal affection, and especially those who have also cultivated a fellow-feeling with the collective interests of mankind, retain as lively an interest in life on the eve of death as in the vigour of youth and health. Next to selfishness, the principal cause which makes life unsatisfactory, is want of mental cultivation. A cultivated mind—I do not mean that of a philosopher, but any mind to which the fountains of knowledge have been opened, and which has been taught, in any tolerable degree, to exercise its faculties—finds sources of inexhaustible interest in all that surrounds it; in the objects of nature, the achievements of art, the imaginations of poetry, the incidents of history, the ways of mankind past and present, and their prospects in the future. It is possible, indeed, to become indifferent to all this, and that too without having exhausted a thousandth part of it; but only when one has had from the beginning no moral or human interest in these things, and has sought in them only the gratification of curiosity.

Now there is absolutely no reason in the nature of things why an amount of mental culture sufficient to give an intelligent interest in these objects of contemplation, should not be the inheritance of every one born in a civilized country. As little is there an inherent necessity that any human being should be a selfish egotist, devoid of every feeling or care but those which centre in his own miserable individuality. Something far superior to this is sufficiently common even now, to give ample earnest of what the human species may be made. Genuine private affections, and a sincere interest in the public good, are possible, though in unequal degrees, to every rightly brought-up human being. In a world in which there is so much to interest, so much to enjoy, and so much also to correct and improve, every one who has this moderate amount of moral and intellectual requisites is capable of an existence which may be called enviable; and unless such a person, through bad laws,

or subjection to the will of others, is denied the liberty to use the sources of happiness within his reach, he will not fail to find this enviable existence, if he escape the positive evils of life, the great sources of physical and mental suffering—such as indigence, disease, and the unkindness, worthlessness, or premature loss of objects of affection. The main stress of the problem lies, therefore, in the contest with these calamities, from which it is a rare good fortune entirely to escape; which, as things now are, cannot be obviated, and often cannot be in any material degree mitigated. Yet no one whose opinion deserves a moment's consideration can doubt that most of the great positive evils of the world are in themselves removable, and will, if human affairs continue to improve, be in the end reduced within narrow limits. Poverty, in any sense implying suffering, may be completely extinguished by the wisdom of society, combined with the good sense and providence of individuals. Even that most intractable of enemies, disease, may be indefinitely reduced in dimensions by good physical and moral education, and proper control of noxious influences; while the progress of science holds out a promise for the future of still more direct conquests over this detestable foe. And every advance in that direction relieves us from some, not only of the chances which cut short our own lives, but, what concerns us still more, which deprive us of those in whom our happiness is wrapt up. As for vicissitudes of fortune, and other disappointments connected with worldly circumstances, these are principally the effect either of gross imprudence, of ill-regulated desires, or of bad or imperfect social institutions. All the grand sources, in short, of human suffering are in a great degree, many of them almost entirely, conquerable by human care and effort; and though their removal is grievously slow—though a long succession of generations will perish in the breach before the conquest is completed, and this world becomes all that, if will and knowledge were not wanting, it might easily be made—yet every mind sufficiently intelligent and generous to bear a part, however small and unobtrusive, in the endeavour, will draw a noble enjoyment

from the contest itself, which he would not for any bribe in the form of selfish indulgence consent to be without.

And this leads to the true estimation of what is said by the objectors concerning the possibility, and the obligation, of learning to do without happiness. Unquestionably it is possible to do without happiness; it is done involuntarily by nineteen-twentieths of mankind, even in those parts of our present world which are least deep in barbarism; and it often has to be done voluntarily by the hero or the martyr, for the sake of something which he prizes more than his individual happiness. But this something, what is it, unless the happiness of others, or some of the requisites of happiness? It is noble to be capable of resigning entirely one's own portion of happiness, or chances of it: but, after all, this self-sacrifice must be for some end; it is not its own end; and if we are told that its end is not happiness, but virtue, which is better than happiness, I ask, would the sacrifice be made if the hero or martyr did not believe that it would earn for others immunity from similar sacrifices? Would it be made, if he thought that his renunciation of happiness for himself would produce no fruit for any of his fellow creatures, but to make their lot like his, and place them also in the condition of persons who have renounced happiness? All honour to those who can abnegate for themselves the personal enjoyment of life, when by such renunciation they contribute worthily to increase the amount of happiness in the world; but he who does it, or professes to do it, for any other purpose, is no more deserving of admiration than the ascetic mounted on his pillar. He may be an inspiring proof of what men *can* do, but assuredly not an example of what they *should*.

Though it is only in a very imperfect state of the world's arrangements that any one can best serve the happiness of others by the absolute sacrifice of his own, yet so long as the world is in that imperfect state, I fully acknowledge that the readiness to make such a sacrifice is the highest virtue which can be found in man. I will add, that in this condition of the world, paradoxical as the assertion may be, the conscious ability to do without happiness gives the best prospect of realizing such happiness as is attainable.

For nothing except that consciousness can raise a person above the chances of life, by making him feel that, let fate and fortune do their worst, they have not power to subdue him: which, once felt, frees him from excess of anxiety concerning the evils of life, and enables him, like many a Stoic in the worst times of the Roman Empire, to cultivate in tranquillity the sources of satisfaction accessible to him, without concerning himself about the uncertainty of their duration, any more than about their inevitable end.

Meanwhile, let utilitarians never cease to claim the morality of self-devotion as a possession which belongs by as good a right to them, as either to the Stoic or to the Transcendentalist. The utilitarian morality does recognise in human beings the power of sacrificing their own greatest good for the good of others. It only refuses to admit that the sacrifice is itself a good. A sacrifice which does not increase, or tend to increase, the sum total of happiness, it considers as wasted. The only self-renunciation which it applauds, is devotion to the happiness, or to some of the means of happiness, of others; either of mankind collectively, or of individuals within the limits imposed by the collective interests of mankind.

I must again repeat, what the assailants of utilitarianism seldom have the justice to acknowledge, that the happiness which forms the utilitarian standard of what is right in conduct, is not the agent's own happiness, but that of all concerned. As between his own happiness and that of others, utilitarianism requires him to be as strictly impartial as a disinterested and benevolent spectator. In the golden rule of Jesus of Nazareth, we read the complete spirit of the ethics of utility. To do as one would be done by, and to love one's neighbour as oneself, constitute the ideal perfection of utilitarian morality. As the means of making the nearest approach to this ideal, utility would enjoin, first, that laws and social arrangements should place the happiness, or (as speaking practically it may be called) the interest, of every individual, as nearly as possible in harmony with the interest of the whole; and secondly, that education and opinion, which have so vast a power over human character, should so use that power as to establish in the mind of every individual an

indissoluble association between his own happiness and the good of the whole; especially between his own happiness and the practice of such modes of conduct, negative and positive, as regard for the universal happiness prescribes: so that not only he may be unable to conceive the possibility of happiness to himself, consistently with conduct opposed to the general good, but also that a direct impulse to promote the general good may be in every individual one of the habitual motives of action, and the sentiments connected therewith may fill a large and prominent place in every human being's sentient existence. If the impugners of the utilitarian morality represented it to their own minds in this its true character, I know not what recommendation possessed by any other morality they could possibly affirm to be wanting to it: what more beautiful or more exalted developments of human nature any other ethical system can be supposed to foster, or what springs of action, not accessible to the utilitarian, such systems rely on for giving effect to their mandates.

The objectors to utilitarianism cannot always be charged with representing it in a discreditable light. On the contrary, those among them who entertain anything like a just idea of its disinterested character, sometimes find fault with its standard as being too high for humanity. They say it is exacting too much to require that people shall always act from the inducement of promoting the general interests of society. But this is to mistake the very meaning of a standard of morals, and to confound the rule of action with the motive of it. It is the business of ethics to tell us what are our duties, or by what test we may know them; but no system of ethics requires that the sole motive of all we do shall be a feeling of duty; on the contrary, ninety-nine hundredths of all our actions are done from other motives, and rightly so done, if the rule of duty does not condemn them. It is the more unjust to utilitarianism that this particular misapprehension should be made a ground of objection to it, inasmuch as utilitarian moralists have gone beyond almost all others in affirming that the motive has nothing to do with the morality of the action, though much with the worth of the

agent. He who saves a fellow creature from drowning does what is morally right, whether his motive be duty, or the hope of being paid for his trouble: he who betrays the friend that trusts him, is guilty of a crime, even if his object be to serve another friend to whom he is under greater obligations.<sup>[B]</sup> But to speak only of actions done from the motive of duty, and in direct obedience to principle: it is a misapprehension of the utilitarian mode of thought, to conceive it as implying that people should fix their minds upon so wide a generality as the world, or society at large. The great majority of good actions are intended, not for the benefit of the world, but for that of individuals, of which the good of the world is made up; and the thoughts of the most virtuous man need not on these occasions travel beyond the particular persons concerned, except so far as is necessary to assure himself that in benefiting them he is not violating the rights—that is, the legitimate and authorized expectations—of any one else. The multiplication of happiness is, according to the utilitarian ethics, the object of virtue: the occasions on which any person (except one in a thousand) has it in his power to do this on an extended scale, in other words, to be a public benefactor, are but exceptional; and on these occasions alone is he called on to consider public utility; in every other case, private utility, the interest or happiness of some few persons, is all he has to attend to. Those alone the influence of whose actions extends to society in general, need concern themselves habitually about so large an object. In the case of abstinences indeed—of things which people forbear to do, from moral considerations, though the consequences in the particular case might be beneficial—it would be unworthy of an intelligent agent not to be consciously aware that the action is of a class which, if practised generally, would be generally injurious, and that this is the ground of the obligation to abstain from it. The amount of regard for the public interest implied in this recognition, is no greater than is demanded by every system of morals; for they all enjoin to abstain from whatever is manifestly pernicious to society.

The same considerations dispose of another reproach against

the doctrine of utility, founded on a still grosser misconception of the purpose of a standard of morality, and of the very meaning of the words right and wrong. It is often affirmed that utilitarianism renders men cold and unsympathizing; that it chills their moral feelings towards individuals; that it makes them regard only the dry and hard consideration of the consequences of actions, not taking into their moral estimate the qualities from which those actions emanate. If the assertion means that they do not allow their judgment respecting the rightness or wrongness of an action to be influenced by their opinion of the qualities of the person who does it, this is a complaint not against utilitarianism, but against having any standard of morality at all; for certainly no known ethical standard decides an action to be good or bad because it is done by a good or a bad man, still less because done by an amiable, a brave, or a benevolent man or the contrary. These considerations are relevant, not to the estimation of actions, but of persons; and there is nothing in the utilitarian theory inconsistent with the fact that there are other things which interest us in persons besides the rightness and wrongness of their actions. The Stoics, indeed, with the paradoxical misuse of language which was part of their system, and by which they strove to raise themselves above all concern about anything but virtue, were fond of saying that he who has that has everything; that he, and only he, is rich, is beautiful, is a king. But no claim of this description is made for the virtuous man by the utilitarian doctrine. Utilitarians are quite aware that there are other desirable possessions and qualities besides virtue, and are perfectly willing to allow to all of them their full worth. They are also aware that a right action does not necessarily indicate a virtuous character, and that actions which are blameable often proceed from qualities entitled to praise. When this is apparent in any particular case, it modifies their estimation, not certainly of the act, but of the agent. I grant that they are, notwithstanding, of opinion, that in the long run the best proof of a good character is good actions; and resolutely refuse to consider any mental disposition as good, of which the predominant tendency is to produce bad conduct. This

makes them unpopular with many people; but it is an unpopularity which they must share with every one who regards the distinction between right and wrong in a serious light; and the reproach is not one which a conscientious utilitarian need be anxious to repel.

If no more be meant by the objection than that many utilitarians look on the morality of actions, as measured by the utilitarian standard, with too exclusive a regard, and do not lay sufficient stress upon the other beauties of character which go towards making a human being loveable or admirable, this may be admitted. Utilitarians who have cultivated their moral feelings, but not their sympathies nor their artistic perceptions, do fall into this mistake; and so do all other moralists under the same conditions. What can be said in excuse for other moralists is equally available for them, namely, that if there is to be any error, it is better that it should be on that side. As a matter of fact, we may affirm that among utilitarians as among adherents of other systems, there is every imaginable degree of rigidity and of laxity in the application of their standard: some are even puritanically rigorous, while others are as indulgent as can possibly be desired by sinner or by sentimentalist. But on the whole, a doctrine which brings prominently forward the interest that mankind have in the repression and prevention of conduct which violates the moral law, is likely to be inferior to no other in turning the sanctions of opinion against such violations. It is true, the question, What does violate the moral law? is one on which those who recognise different standards of morality are likely now and then to differ. But difference of opinion on moral questions was not first introduced into the world by utilitarianism, while that doctrine does supply, if not always an easy, at all events a tangible and intelligible mode of deciding such differences.

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It may not be superfluous to notice a few more of the common misapprehensions of utilitarian ethics, even those which are so obvious and gross that it might appear impossible for any person

of candour and intelligence to fall into them: since persons, even of considerable mental endowments, often give themselves so little trouble to understand the bearings of any opinion against which they entertain a prejudice, and men are in general so little conscious of this voluntary ignorance as a defect, that the vulgarest misunderstandings of ethical doctrines are continually met with in the deliberate writings of persons of the greatest pretensions both to high principle and to philosophy. We not uncommonly hear the doctrine of utility inveighed against as a *godless* doctrine. If it be necessary to say anything at all against so mere an assumption, we may say that the question depends upon what idea we have formed of the moral character of the Deity. If it be a true belief that God desires, above all things, the happiness of his creatures, and that this was his purpose in their creation, utility is not only not a godless doctrine, but more profoundly religious than any other. If it be meant that utilitarianism does not recognise the revealed will of God as the supreme law of morals, I answer, that an utilitarian who believes in the perfect goodness and wisdom of God, necessarily believes that whatever God has thought fit to reveal on the subject of morals, must fulfil the requirements of utility in a supreme degree. But others besides utilitarians have been of opinion that the Christian revelation was intended, and is fitted, to inform the hearts and minds of mankind with a spirit which should enable them to find for themselves what is right, and incline them to do it when found, rather than to tell them, except in a very general way, what it is: and that we need a doctrine of ethics, carefully followed out, to *interpret* to us the will of God. Whether this opinion is correct or not, it is superfluous here to discuss; since whatever aid religion, either natural or revealed, can afford to ethical investigation, is as open to the utilitarian moralist as to any other. He can use it as the testimony of God to the usefulness or hurtfulness of any given course of action, by as good a right as others can use it for the indication of a transcendental law, having no connexion with usefulness or with happiness.

Again, Utility is often summarily stigmatized as an immoral

doctrine by giving it the name of Expediency, and taking advantage of the popular use of that term to contrast it with Principle. But the Expedient, in the sense in which it is opposed to the Right, generally means that which is expedient for the particular interest of the agent himself: as when a minister sacrifices the interest of his country to keep himself in place. When it means anything better than this, it means that which is expedient for some immediate object, some temporary purpose, but which violates a rule whose observance is expedient in a much higher degree. The Expedient, in this sense, instead of being the same thing with the useful, is a branch of the hurtful. Thus, it would often be expedient, for the purpose of getting over some momentary embarrassment, or attaining some object immediately useful to ourselves or others, to tell a lie. But inasmuch as the cultivation in ourselves of a sensitive feeling on the subject of veracity, is one of the most useful, and the enfeeblement of that feeling one of the most hurtful, things to which our conduct can be instrumental; and inasmuch as any, even unintentional, deviation from truth, does that much towards weakening the trustworthiness of human assertion, which is not only the principal support of all present social well-being, but the insufficiency of which does more than any one thing that can be named to keep back civilisation, virtue, everything on which human happiness on the largest scale depends; we feel that the violation, for a present advantage, of a rule of such transcendent expediency, is not expedient, and that he who, for the sake of a convenience to himself or to some other individual, does what depends on him to deprive mankind of the good, and inflict upon them the evil, involved in the greater or less reliance which they can place in each other's word, acts the part of one of their worst enemies. Yet that even this rule, sacred as it is, admits of possible exceptions, is acknowledged by all moralists; the chief of which is when the withholding of some fact (as of information from a male-factor, or of bad news from a person dangerously ill) would preserve some one (especially a person other than oneself) from great and unmerited evil, and when the withholding can only be effected by denial. But

in order that the exception may not extend itself beyond the need, and may have the least possible effect in weakening reliance on veracity, it ought to be recognized, and, if possible, its limits defined; and if the principle of utility is good for anything, it must be good for weighing these conflicting utilities against one another, and marking out the region within which one or the other preponderates.

Again, defenders of utility often find themselves called upon to reply to such objections as this—that there is not time, previous to action, for calculating and weighing the effects of any line of conduct on the general happiness. This is exactly as if any one were to say that it is impossible to guide our conduct by Christianity, because there is not time, on every occasion on which anything has to be done, to read through the Old and New Testaments. The answer to the objection is, that there has been ample time, namely, the whole past duration of the human species. During all that time mankind have been learning by experience the tendencies of actions; on which experience all the prudence, as well as all the morality of life, is dependent. People talk as if the commencement of this course of experience had hitherto been put off, and as if, at the moment when some man feels tempted to meddle with the property or life of another, he had to begin considering for the first time whether murder and theft are injurious to human happiness. Even then I do not think that he would find the question very puzzling; but, at all events, the matter is now done to his hand. It is truly a whimsical supposition, that if mankind were agreed in considering utility to be the test of morality, they would remain without any agreement as to what is useful, and would take no measures for having their notions on the subject taught to the young, and enforced by law and opinion. There is no difficulty in proving any ethical standard whatever to work ill, if we suppose universal idiocy to be conjoined with it, but on any hypothesis short of that, mankind must by this time have acquired positive beliefs as to the effects of some actions on their happiness; and the beliefs which have thus come down are the rules of morality for the

multitude, and for the philosopher until he has succeeded in finding better. That philosophers might easily do this, even now, on many subjects; that the received code of ethics is by no means of divine right; and that mankind have still much to learn as to the effects of actions on the general happiness, I admit, or rather, earnestly maintain. The corollaries from the principle of utility, like the precepts of every practical art, admit of indefinite improvement, and, in a progressive state of the human mind, their improvement is perpetually going on. But to consider the rules of morality as improvable, is one thing; to pass over the intermediate generalizations entirely, and endeavour to test each individual action directly by the first principle, is another. It is a strange notion that the acknowledgment of a first principle is inconsistent with the admission of secondary ones. To inform a traveller respecting the place of his ultimate destination, is not to forbid the use of landmarks and direction-posts on the way. The proposition that happiness is the end and aim of morality, does not mean that no road ought to be laid down to that goal, or that persons going thither should not be advised to take one direction rather than another. Men really ought to leave off talking a kind of nonsense on this subject, which they would neither talk nor listen to on other matters of practical concernment. Nobody argues that the art of navigation is not founded on astronomy, because sailors cannot wait to calculate the Nautical Almanack. Being rational creatures, they go to sea with it ready calculated; and all rational creatures go out upon the sea of life with their minds made up on the common questions of right and wrong, as well as on many of the far more difficult questions of wise and foolish. And this, as long as foresight is a human quality, it is to be presumed they will continue to do. Whatever we adopt as the fundamental principle of morality, we require subordinate principles to apply it by: the impossibility of doing without them, being common to all systems, can afford no argument against any one in particular: but gravely to argue as if no such secondary principles could be had, and as if mankind had remained till now, and always must remain, without drawing

any general conclusions from the experience of human life, is as high a pitch, I think, as absurdity has ever reached in philosophical controversy.

The remainder of the stock arguments against utilitarianism mostly consist in laying to its charge the common infirmities of human nature, and the general difficulties which embarrass conscientious persons in shaping their course through life. We are told that an utilitarian will be apt to make his own particular case an exception to moral rules, and, when under temptation, will see an utility in the breach of a rule, greater than he will see in its observance. But is utility the only creed which is able to furnish us with excuses for evil doing, and means of cheating our own conscience? They are afforded in abundance by all doctrines which recognise as a fact in morals the existence of conflicting considerations; which all doctrines do, that have been believed by sane persons. It is not the fault of any creed, but of the complicated nature of human affairs, that rules of conduct cannot be so framed as to require no exceptions, and that hardly any kind of action can safely be laid down as either always obligatory or always condemnable. There is no ethical creed which does not temper the rigidity of its laws, by giving a certain latitude, under the moral responsibility of the agent, for accommodation to peculiarities of circumstances; and under every creed, at the opening thus made, self-deception and dishonest casuistry get in. There exists no moral system under which there do not arise unequivocal cases of conflicting obligation. These are the real difficulties, the knotty points both in the theory of ethics, and in the conscientious guidance of personal conduct. They are overcome practically with greater or with less success according to the intellect and virtue of the individual; but it can hardly be pretended that any one will be the less qualified for dealing with them, from possessing an ultimate standard to which conflicting rights and duties can be referred. If utility is the ultimate source of moral obligations, utility may be invoked to decide between them when their demands are incompatible. Though the application of the standard may be

difficult, it is better than none at all: while in other systems, the moral laws all claiming independent authority, there is no common umpire entitled to interfere between them; their claims to precedence one over another rest on little better than sophistry, and unless determined, as they generally are, by the unacknowledged influence of considerations of utility, afford a free scope for the action of personal desires and partialities. We must remember that only in these cases of conflict between secondary principles is it requisite that first principles should be appealed to. There is no case of moral obligation in which some secondary principle is not involved; and if only one, there can seldom be any real doubt which one it is, in the mind of any person by whom the principle itself is recognized.

FOOTNOTES:

[A]

The author of this essay has reason for believing himself to be the first person who brought the word utilitarian into use. He did not invent it, but adopted it from a passing expression in Mr. Galt's *Annals of the Parish*. After using it as a designation for several years, he and others abandoned it from a growing dislike to anything resembling a badge or watchword of sectarian distinction. But as a name for one single opinion, not a set of opinions—to denote the recognition of utility as a standard, not any particular way of applying it—the term supplies a want in the language, and offers, in many cases, a convenient mode of avoiding tiresome circumlocution.

[B]

An opponent, whose intellectual and moral fairness it is a pleasure to acknowledge (the Rev. J. Llewellyn Davis), has objected to this passage, saying, "Surely the rightness or wrongness of saving a man from drowning does depend very much upon the motive with which it is done. Suppose that a tyrant, when his enemy jumped into the sea to escape from him, saved him from drowning simply in order

that he might inflict upon him more exquisite tortures, would it tend to clearness to speak of that rescue as 'a morally right action?' Or suppose again, according to one of the stock illustrations of ethical inquiries, that a man betrayed a trust received from a friend, because the discharge of it would fatally injure that friend himself or some one belonging to him, would utilitarianism compel one to call the betrayal 'a crime' as much as if it had been done from the meanest motive?"

I submit, that he who saves another from drowning in order to kill him by torture afterwards, does not differ only in motive from him who does the same thing from duty or benevolence; the act itself is different. The rescue of the man is, in the case supposed, only the necessary first step of an act far more atrocious than leaving him to drown would have been. Had Mr. Davis said, "The rightness or wrongness of saving a man from drowning does depend very much"—not upon the motive, but—"upon the *intention*" no utilitarian would have differed from him. Mr. Davis, by an oversight too common not to be quite venial, has in this case confounded the very different ideas of Motive and Intention. There is no point which utilitarian thinkers (and Bentham pre-eminently) have taken more pains to illustrate than this. The morality of the action depends entirely upon the intention—that is, upon what the agent *wills to do*. But the motive, that is, the feeling which makes him will so to do, when it makes no difference in the act, makes none in the morality: though it makes a great difference in our moral estimation of the agent, especially if it indicates a good or a bad habitual *disposition*—a bent of character from which useful, or from which hurtful actions are likely to arise.

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### CHAPTER III.

OF THE ULTIMATE SANCTION OF THE PRINCIPLE OF UTILITY. The question is often asked, and properly so, in regard to any supposed moral standard—What is its sanction? what are the motives to obey it? or more specifically, what is the source of its obligation? whence does it derive its binding force? It is a necessary part of moral philosophy to provide the answer to this question; which, though frequently assuming the shape of an objection to the utilitarian morality, as if it had some special applicability to that above others, really arises in regard to all standards. It arises, in fact, whenever a person is called on to adopt a standard or refer morality to any basis on which he has not been accustomed to rest it. For the customary morality, that which education and opinion have consecrated, is the only one which presents itself to the mind with the feeling of being *in itself* obligatory; and when a person is asked to believe that this morality *derives* its obligation from some general principle round which custom has not thrown the same halo, the assertion is to him a paradox; the supposed corollaries seem to have a more binding force than the original theorem; the superstructure seems to stand better without, than with, what is represented as its foundation. He says to himself, I feel that I am bound not to rob or murder, betray or deceive; but why am I bound to promote the general happiness? If my own happiness lies in something else, why may I not give that the preference?

If the view adopted by the utilitarian philosophy of the nature of the moral sense be correct, this difficulty will always present itself, until the influences which form moral character have taken the same hold of the principle which they have taken of some of the consequences—until, by the improvement of education, the feeling of unity with our fellow creatures shall be (what it cannot be doubted that Christ intended it to be) as deeply rooted in our character, and to our own consciousness as completely a part of our nature, as the horror of crime is in an ordinarily well-brought-up young person. In the mean time, however, the difficulty has no peculiar application to the doctrine of utility, but is inherent in

every attempt to analyse morality and reduce it to principles; which, unless the principle is already in men's minds invested with as much sacredness as any of its applications, always seems to divest them of a part of their sanctity.

The principle of utility either has, or there is no reason why it might not have, all the sanctions which belong to any other system of morals. Those sanctions are either external or internal. Of the external sanctions it is not necessary to speak at any length. They are, the hope of favour and the fear of displeasure from our fellow creatures or from the Ruler of the Universe, along with whatever we may have of sympathy or affection for them or of love and awe of Him, inclining us to do His will independently of selfish consequences. There is evidently no reason why all these motives for observance should not attach themselves to the utilitarian morality, as completely and as powerfully as to any other. Indeed, those of them which refer to our fellow creatures are sure to do so, in proportion to the amount of general intelligence; for whether there be any other ground of moral obligation than the general happiness or not, men do desire happiness; and however imperfect may be their own practice, they desire and commend all conduct in others towards themselves, by which they think their happiness is promoted. With regard to the religious motive, if men believe, as most profess to do, in the goodness of God, those who think that conduciveness to the general happiness is the essence, or even only the criterion, of good, must necessarily believe that it is also that which God approves. The whole force therefore of external reward and punishment, whether physical or moral, and whether proceeding from God or from our fellow men, together with all that the capacities of human nature admit, of disinterested devotion to either, become available to enforce the utilitarian morality, in proportion as that morality is recognized; and the more powerfully, the more the appliances of education and general cultivation are bent to the purpose.

So far as to external sanctions. The internal sanction of duty, whatever our standard of duty may be, is one and the same—a

feeling in our own mind; a pain, more or less intense, attendant on violation of duty, which in properly cultivated moral natures rises, in the more serious cases, into shrinking from it as an impossibility. This feeling, when disinterested, and connecting itself with the pure idea of duty, and not with some particular form of it, or with any of the merely accessory circumstances, is the essence of Conscience; though in that complex phenomenon as it actually exists, the simple fact is in general all encrusted over with collateral associations, derived from sympathy, from love, and still more from fear; from all the forms of religious feeling; from the recollections of childhood and of all our past life; from self-esteem, desire of the esteem of others, and occasionally even self-abasement. This extreme complication is, I apprehend, the origin of the sort of mystical character which, by a tendency of the human mind of which there are many other examples, is apt to be attributed to the idea of moral obligation, and which leads people to believe that the idea cannot possibly attach itself to any other objects than those which, by a supposed mysterious law, are found in our present experience to excite it. Its binding force, however, consists in the existence of a mass of feeling which must be broken through in order to do what violates our standard of right, and which, if we do nevertheless violate that standard, will probably have to be encountered afterwards in the form of remorse. Whatever theory we have of the nature or origin of conscience, this is what essentially constitutes it.

The ultimate sanction, therefore, of all morality (external motives apart) being a subjective feeling in our own minds, I see nothing embarrassing to those whose standard is utility, in the question, what is the sanction of that particular standard? We may answer, the same as of all other moral standards—the conscientious feelings of mankind. Undoubtedly this sanction has no binding efficacy on those who do not possess the feelings it appeals to; but neither will these persons be more obedient to any other moral principle than to the utilitarian one. On them morality of any kind has no hold but through the external sanctions. Meanwhile the feelings exist, a fact in human nature, the reality of which, and the great power

with which they are capable of acting on those in whom they have been duly cultivated, are proved by experience. No reason has ever been shown why they may not be cultivated to as great intensity in connection with the utilitarian, as with any other rule of morals.

There is, I am aware, a disposition to believe that a person who sees in moral obligation a transcendental fact, an objective reality belonging to the province of "Things in themselves," is likely to be more obedient to it than one who believes it to be entirely subjective, having its seat in human consciousness only. But whatever a person's opinion may be on this point of Ontology, the force he is really urged by is his own subjective feeling, and is exactly measured by its strength. No one's belief that Duty is an objective reality is stronger than the belief that God is so; yet the belief in God, apart from the expectation of actual reward and punishment, only operates on conduct through, and in proportion to, the subjective religious feeling. The sanction, so far as it is disinterested, is always in the mind itself; and the notion, therefore, of the transcendental moralists must be, that this sanction will not exist in the mind unless it is believed to have its root out of the mind; and that if a person is able to say to himself, That which is restraining me, and which is called my conscience, is only a feeling in my own mind, he may possibly draw the conclusion that when the feeling ceases the obligation ceases, and that if he find the feeling inconvenient, he may disregard it, and endeavour to get rid of it. But is this danger confined to the utilitarian morality? Does the belief that moral obligation has its seat outside the mind make the feeling of it too strong to be got rid of? The fact is so far otherwise, that all moralists admit and lament the ease with which, in the generality of minds, conscience can be silenced or stifled. The question, Need I obey my conscience? is quite as often put to themselves by persons who never heard of the principle of utility, as by its adherents. Those whose conscientious feelings are so weak as to allow of their asking this question, if they answer it affirmatively, will not do so because they believe in the transcendental theory, but because of the external sanctions.

It is not necessary, for the present purpose, to decide whether the feeling of duty is innate or implanted. Assuming it to be innate, it is an open question to what objects it naturally attaches itself; for the philosophic supporters of that theory are now agreed that the intuitive perception is of principles of morality, and not of the details. If there be anything innate in the matter, I see no reason why the feeling which is innate should not be that of regard to the pleasures and pains of others. If there is any principle of morals which is intuitively obligatory, I should say it must be that. If so, the intuitive ethics would coincide with the utilitarian, and there would be no further quarrel between them. Even as it is, the intuitive moralists, though they believe that there are other intuitive moral obligations, do already believe this to be one; for they unanimously hold that a large portion of morality turns upon the consideration due to the interests of our fellow creatures. Therefore, if the belief in the transcendental origin of moral obligation gives any additional efficacy to the internal sanction, it appears to me that the utilitarian principle has already the benefit of it.

On the other hand, if, as is my own belief, the moral feelings are not innate, but acquired, they are not for that reason the less natural. It is natural to man to speak, to reason, to build cities, to cultivate the ground, though these are acquired faculties. The moral feelings are not indeed a part of our nature, in the sense of being in any perceptible degree present in all of us; but this, unhappily, is a fact admitted by those who believe the most strenuously in their transcendental origin. Like the other acquired capacities above referred to, the moral faculty, if not a part of our nature, is a natural outgrowth from it; capable, like them, in a certain small degree, of springing up spontaneously; and susceptible of being brought by cultivation to a high degree of development. Unhappily it is also susceptible, by a sufficient use of the external sanctions and of the force of early impressions, of being cultivated in almost any direction: so that there is hardly anything so absurd or so mischievous that it may not, by means of these influences, be made to act on the human mind with all the authority of conscience. To

doubt that the same potency might be given by the same means to the principle of utility, even if it had no foundation in human nature, would be flying in the face of all experience.

But moral associations which are wholly of artificial creation, when intellectual culture goes on, yield by degrees to the dissolving force of analysis: and if the feeling of duty, when associated with utility, would appear equally arbitrary; if there were no leading department of our nature, no powerful class of sentiments, with which that association would harmonize, which would make us feel it congenial, and incline us not only to foster it in others (for which we have abundant interested motives), but also to cherish it in ourselves; if there were not, in short, a natural basis of sentiment for utilitarian morality, it might well happen that this association also, even after it had been implanted by education, might be analysed away.

But there is this basis of powerful natural sentiment; and this it is which, when once the general happiness is recognized as the ethical standard, will constitute the strength of the utilitarian morality. This firm foundation is that of the social feelings of mankind; the desire to be in unity with our fellow creatures, which is already a powerful principle in human nature, and happily one of those which tend to become stronger, even without express inculcation, from the influences of advancing civilization. The social state is at once so natural, so necessary, and so habitual to man, that, except in some unusual circumstances or by an effort of voluntary abstraction, he never conceives himself otherwise than as a member of a body; and this association is riveted more and more, as mankind are further removed from the state of savage independence. Any condition, therefore, which is essential to a state of society, becomes more and more an inseparable part of every person's conception of the state of things which he is born into, and which is the destiny of a human being. Now, society between human beings, except in the relation of master and slave, is manifestly impossible on any other footing than that the interests of all are to be consulted. Society between equals can only exist on the understanding that the interests of all

are to be regarded equally. And since in all states of civilization, every person, except an absolute monarch, has equals, every one is obliged to live on these terms with somebody; and in every age some advance is made towards a state in which it will be impossible to live permanently on other terms with anybody. In this way people grow up unable to conceive as possible to them a state of total disregard of other people's interests. They are under a necessity of conceiving themselves as at least abstaining from all the grosser injuries, and (if only for their own protection.) living in a state of constant protest against them. They are also familiar with the fact of co-operating with others, and proposing to themselves a collective, not an individual, interest, as the aim (at least for the time being) of their actions. So long as they are co-operating, their ends are identified with those of others; there is at least a temporary feeling that the interests of others are their own interests. Not only does all strengthening of social ties, and all healthy growth of society, give to each individual a stronger personal interest in practically consulting the welfare of others; it also leads him to identify his feelings more and more with their good, or at least with an ever greater degree of practical consideration for it. He comes, as though instinctively, to be conscious of himself as a being who *of course* pays regard to others. The good of others becomes to him a thing naturally and necessarily to be attended to, like any of the physical conditions of our existence. Now, whatever amount of this feeling a person has, he is urged by the strongest motives both of interest and of sympathy to demonstrate it, and to the utmost of his power encourage it in others; and even if he has none of it himself, he is as greatly interested as any one else that others should have it. Consequently, the smallest germs of the feeling are laid hold of and nourished by the contagion of sympathy and the influences of education; and a complete web of corroborative association is woven round it, by the powerful agency of the external sanctions. This mode of conceiving ourselves and human life, as civilization goes on, is felt to be more and more natural. Every step in political improvement renders it more so, by removing the sources of opposition of interest, and

levelling those inequalities of legal privilege between individuals or classes, owing to which there are large portions of mankind whose happiness it is still practicable to disregard. In an improving state of the human mind, the influences are constantly on the increase, which tend to generate in each individual a feeling of unity with all the rest; which feeling, if perfect, would make him never think of, or desire, any beneficial condition for himself, in the benefits of which they are not included. If we now suppose this feeling of unity to be taught as a religion, and the whole force of education, of institutions, and of opinion, directed, as it once was in the case of religion, to make every person grow up from infancy surrounded on all sides both by the profession and by the practice of it, I think that no one, who can realize this conception, will feel any misgiving about the sufficiency of the ultimate sanction for the Happiness morality. To any ethical student who finds the realization difficult, I recommend, as a means of facilitating it, the second of M. Comte's two principal works, the *Système de Politique Positive*. I entertain the strongest objections to the system of politics and morals set forth in that treatise; but I think it has superabundantly shown the possibility of giving to the service of humanity, even without the aid of belief in a Providence, both the physical power and the social efficacy of a religion; making it take hold of human life, and colour all thought, feeling, and action, in a manner of which the greatest ascendancy ever exercised by any religion may be but a type and foretaste; and of which the danger is, not that it should be insufficient, but that it should be so excessive as to interfere unduly with human freedom and individuality.

Neither is it necessary to the feeling which constitutes the binding force of the utilitarian morality on those who recognize it, to wait for those social influences which would make its obligation felt by mankind at large. In the comparatively early state of human advancement in which we now live, a person cannot indeed feel that entireness of sympathy with all others, which would make any real discordance in the general direction of their conduct in life impossible; but already a person in whom the social feeling is at all

developed, cannot bring himself to think of the rest of his fellow creatures as struggling rivals with him for the means of happiness, whom he must desire to see defeated in their object in order that he may succeed in his. The deeply-rooted conception which every individual even now has of himself as a social being, tends to make him feel it one of his natural wants that there should be harmony between his feelings and aims and those of his fellow creatures. If differences of opinion and of mental culture make it impossible for him to share many of their actual feelings—perhaps make him denounce and defy those feelings—he still needs to be conscious that his real aim and theirs do not conflict; that he is not opposing himself to what they really wish for, namely, their own good, but is, on the contrary, promoting it. This feeling in most individuals is much inferior in strength to their selfish feelings, and is often wanting altogether. But to those who have it, it possesses all the characters of a natural feeling. It does not present itself to their minds as a superstition of education, or a law despotically imposed by the power of society, but as an attribute which it would not be well for them to be without. This conviction is the ultimate sanction of the greatest-happiness morality. This it is which makes any mind, of well-developed feelings, work with, and not against, the outward motives to care for others, afforded by what I have called the external sanctions; and when those sanctions are wanting, or act in an opposite direction, constitutes in itself a powerful internal binding force, in proportion to the sensitiveness and thoughtfulness of the character; since few but those whose mind is a moral blank, could bear to lay out their course of life on the plan of paying no regard to others except so far as their own private interest compels.

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## CHAPTER IV.

OF WHAT SORT OF PROOF THE PRINCIPLE OF UTILITY IS SUSCEPTIBLE. It has already been remarked, that questions of ultimate ends do not admit of proof, in the ordinary acceptation of the term. To be incapable of proof by reasoning is common to all first principles; to the first premises of our knowledge, as well as to those of our conduct. But the former, being matters of fact, may be the subject of a direct appeal to the faculties which judge of fact—namely, our senses, and our internal consciousness. Can an appeal be made to the same faculties on questions of practical ends? Or by what other faculty is cognizance taken of them?

Questions about ends are, in other words, questions what things are desirable. The utilitarian doctrine is, that happiness is desirable, and the only thing desirable, as an end; all other things being only desirable as means to that end. What ought to be required of this doctrine—what conditions is it requisite that the doctrine should fulfil—to make good its claim to be believed?

The only proof capable of being given that an object is visible, is that people actually see it. The only proof that a sound is audible, is that people hear it: and so of the other sources of our experience. In like manner, I apprehend, the sole evidence it is possible to produce that anything is desirable, is that people do actually desire it. If the end which the utilitarian doctrine proposes to itself were not, in theory and in practice, acknowledged to be an end, nothing could ever convince any person that it was so. No reason can be given why the general happiness is desirable, except that each person, so far as he believes it to be attainable, desires his own happiness. This, however, being a fact, we have not only all the proof which the case admits of, but all which it is possible to require, that happiness is a good: that each person's happiness is a good to that person, and the general happiness, therefore, a good to the aggregate of all persons.

Happiness has made out its title as *one* of the ends of conduct, and consequently one of the criteria of morality.

But it has not, by this alone, proved itself to be the sole criterion. To do that, it would seem, by the same rule, necessary to show, not only that people desire happiness, but that they never desire anything else. Now it is palpable that they do desire things which, in common language, are decidedly distinguished from happiness. They desire, for example, virtue, and the absence of vice, no less really than pleasure and the absence of pain. The desire of virtue is not as universal, but it is as authentic a fact, as the desire of happiness. And hence the opponents of the utilitarian standard deem that they have a right to infer that there are other ends of human action besides happiness, and that happiness is not the standard of approbation and disapprobation.

But does the utilitarian doctrine deny that people desire virtue, or maintain that virtue is not a thing to be desired? The very reverse. It maintains not only that virtue is to be desired, but that it is to be desired disinterestedly, for itself. Whatever may be the opinion of utilitarian moralists as to the original conditions by which virtue is made virtue; however they may believe (as they do) that actions and dispositions are only virtuous because they promote another end than virtue; yet this being granted, and it having been decided, from considerations of this description, what is virtuous, they not only place virtue at the very head of the things which are good as means to the ultimate end, but they also recognise as a psychological fact the possibility of its being, to the individual, a good in itself, without looking to any end beyond it; and hold, that the mind is not in a right state, not in a state conformable to Utility, not in the state most conducive to the general happiness, unless it does love virtue in this manner—as a thing desirable in itself, even although, in the individual instance, it should not produce those other desirable consequences which it tends to produce, and on account of which it is held to be virtue. This opinion is not, in the smallest degree, a departure from the Happiness principle. The ingredients of happiness are very various, and each of them is desirable in itself,

and not merely when considered as swelling an aggregate. The principle of utility does not mean that any given pleasure, as music, for instance, or any given exemption from pain, as for example health, are to be looked upon as means to a collective something termed happiness, and to be desired on that account. They are desired and desirable in and for themselves; besides being means, they are a part of the end. Virtue, according to the utilitarian doctrine, is not naturally and originally part of the end, but it is capable of becoming so; and in those who love it disinterestedly it has become so, and is desired and cherished, not as a means to happiness, but as a part of their happiness.

To illustrate this farther, we may remember that virtue is not the only thing, originally a means, and which if it were not a means to anything else, would be and remain indifferent, but which by association with what it is a means to, comes to be desired for itself, and that too with the utmost intensity. What, for example, shall we say of the love of money? There is nothing originally more desirable about money than about any heap of glittering pebbles. Its worth is solely that of the things which it will buy; the desires for other things than itself, which it is a means of gratifying. Yet the love of money is not only one of the strongest moving forces of human life, but money is, in many cases, desired in and for itself; the desire to possess it is often stronger than the desire to use it, and goes on increasing when all the desires which point to ends beyond it, to be compassed by it, are falling off. It may be then said truly, that money is desired not for the sake of an end, but as part of the end. From being a means to happiness, it has come to be itself a principal ingredient of the individual's conception of happiness. The same may be said of the majority of the great objects of human life—power, for example, or fame; except that to each of these there is a certain amount of immediate pleasure annexed, which has at least the semblance of being naturally inherent in them; a thing which cannot be said of money. Still, however, the strongest natural attraction, both of power and of fame, is the immense aid they give to the attainment of our other wishes; and it is the strong

association thus generated between them and all our objects of desire, which gives to the direct desire of them the intensity it often assumes, so as in some characters to surpass in strength all other desires. In these cases the means have become a part of the end, and a more important part of it than any of the things which they are means to. What was once desired as an instrument for the attainment of happiness, has come to be desired for its own sake. In being desired for its own sake it is, however, desired as part of happiness. The person is made, or thinks he would be made, happy by its mere possession; and is made unhappy by failure to obtain it. The desire of it is not a different thing from the desire of happiness, any more than the love of music, or the desire of health. They are included in happiness. They are some of the elements of which the desire of happiness is made up. Happiness is not an abstract idea, but a concrete whole; and these are some of its parts. And the utilitarian standard sanctions and approves their being so. Life would be a poor thing, very ill provided with sources of happiness, if there were not this provision of nature, by which things originally indifferent, but conducive to, or otherwise associated with, the satisfaction of our primitive desires, become in themselves sources of pleasure more valuable than the primitive pleasures, both in permanency, in the space of human existence that they are capable of covering, and even in intensity. Virtue, according to the utilitarian conception, is a good of this description. There was no original desire of it, or motive to it, save its conduciveness to pleasure, and especially to protection from pain. But through the association thus formed, it may be felt a good in itself, and desired as such with as great intensity as any other good; and with this difference between it and the love of money, of power, or of fame, that all of these may, and often do, render the individual noxious to the other members of the society to which he belongs, whereas there is nothing which makes him so much a blessing to them as the cultivation of the disinterested, love of virtue. And consequently, the utilitarian standard, while it tolerates and approves those other acquired desires, up to the point beyond which they would be more

injurious to the general happiness than promotive of it, enjoins and requires the cultivation of the love of virtue up to the greatest strength possible, as being above all things important to the general happiness.

It results from the preceding considerations, that there is in reality nothing desired except happiness. Whatever is desired otherwise than as a means to some end beyond itself, and ultimately to happiness, is desired as itself a part of happiness, and is not desired for itself until it has become so. Those who desire virtue for its own sake, desire it either because the consciousness of it is a pleasure, or because the consciousness of being without it is a pain, or for both reasons united; as in truth the pleasure and pain seldom exist separately, but almost always together, the same person feeling pleasure in the degree of virtue attained, and pain in not having attained more. If one of these gave him no pleasure, and the other no pain, he would not love or desire virtue, or would desire it only for the other benefits which it might produce to himself or to persons whom he cared for.

We have now, then, an answer to the question, of what sort of proof the principle of utility is susceptible. If the opinion which I have now stated is psychologically true—if human nature is so constituted as to desire nothing which is not either a part of happiness or a means of happiness, we can have no other proof, and we require no other, that these are the only things desirable. If so, happiness is the sole end of human action, and the promotion of it the test by which to judge of all human conduct; from whence it necessarily follows that it must be the criterion of morality, since a part is included in the whole.

And now to decide whether this is really so; whether mankind do desire nothing for itself but that which is a pleasure to them, or of which the absence is a pain; we have evidently arrived at a question of fact and experience, dependent, like all similar questions, upon evidence. It can only be determined by practised self-consciousness and self-observation, assisted by observation of others. I believe that these sources of evidence, impartially consulted, will declare

that desiring a thing and finding it pleasant, aversion to it and thinking of it as painful, are phenomena entirely inseparable, or rather two parts of the same phenomenon; in strictness of language, two different modes of naming the same psychological fact: that to think of an object as desirable (unless for the sake of its consequences), and to think of it as pleasant, are one and the same thing; and that to desire anything, except in proportion as the idea of it is pleasant, is a physical and metaphysical impossibility.

So obvious does this appear to me, that I expect it will hardly be disputed: and the objection made will be, not that desire can possibly be directed to anything ultimately except pleasure and exemption from pain, but that the will is a different thing from desire; that a person of confirmed virtue, or any other person whose purposes are fixed, carries out his purposes without any thought of the pleasure he has in contemplating them, or expects to derive from their fulfilment; and persists in acting on them, even though these pleasures are much diminished, by changes in his character or decay of his passive sensibilities, or are outweighed by the pains which the pursuit of the purposes may bring upon him. All this I fully admit, and have stated it elsewhere, as positively and emphatically as any one. Will, the active phenomenon, is a different thing from desire, the state of passive sensibility, and though originally an offshoot from it, may in time take root and detach itself from the parent stock; so much so, that in the case of an habitual purpose, instead of willing the thing because we desire it, we often desire it only because we will it. This, however, is but an instance of that familiar fact, the power of habit, and is nowise confined to the case of virtuous actions. Many indifferent things, which men originally did from a motive of some sort, they continue to do from habit. Sometimes this is done unconsciously, the consciousness coming only after the action: at other times with conscious volition, but volition which has become habitual, and is put into operation by the force of habit, in opposition perhaps to the deliberate preference, as often happens with those who have contracted habits of vicious or hurtful indulgence. Third and last comes the case in which the

habitual act of will in the individual instance is not in contradiction to the general intention prevailing at other times, but in fulfilment of it; as in the case of the person of confirmed virtue, and of all who pursue deliberately and consistently any determinate end. The distinction between will and desire thus understood, is an authentic and highly important psychological fact; but the fact consists solely in this—that will, like all other parts of our constitution, is amenable to habit, and that we may will from habit what we no longer desire for itself, or desire only because we will it. It is not the less true that will, in the beginning, is entirely produced by desire; including in that term the repelling influence of pain as well as the attractive one of pleasure. Let us take into consideration, no longer the person who has a confirmed will to do right, but him in whom that virtuous will is still feeble, conquerable by temptation, and not to be fully relied on; by what means can it be strengthened? How can the will to be virtuous, where it does not exist in sufficient force, be implanted or awakened? Only by making the person *desire* virtue—by making him think of it in a pleasurable light, or of its absence in a painful one. It is by associating the doing right with pleasure, or the doing wrong with pain, or by eliciting and impressing and bringing home to the person's experience the pleasure naturally involved in the one or the pain in the other, that it is possible to call forth that will to be virtuous, which, when confirmed, acts without any thought of either pleasure or pain. Will is the child of desire, and passes out of the dominion of its parent only to come under that of habit. That which is the result of habit affords no presumption of being intrinsically good; and there would be no reason for wishing that the purpose of virtue should become independent of pleasure and pain, were it not that the influence of the pleasurable and painful associations which prompt to virtue is not sufficiently to be depended on for unerring constancy of action until it has acquired the support of habit. Both in feeling and in conduct, habit is the only thing which imparts certainty; and it is because of the importance to others of being able to rely absolutely on one's feelings and conduct, and to oneself of being able to rely

on one's own, that the will to do right ought to be cultivated into this habitual independence. In other words, this state of the will is a means to good, not intrinsically a good; and does not contradict the doctrine that nothing is a good to human beings but in so far as it is either itself pleasurable, or a means of attaining pleasure or averting pain.

But if this doctrine be true, the principle of utility is proved. Whether it is so or not, must now be left to the consideration of the thoughtful reader.

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## CHAPTER V.

ON THE CONNEXION BETWEEN JUSTICE AND UTILITY. In all ages of speculation, one of the strongest obstacles to the reception of the doctrine that Utility or Happiness is the criterion of right and wrong, has been drawn from the idea of Justice, The powerful sentiment, and apparently clear perception, which that word recalls with a rapidity and certainty resembling an instinct, have seemed to the majority of thinkers to point to an inherent quality in things; to show that the Just must have an existence in Nature as something absolute—generically distinct from every variety of the Expedient, and, in idea, opposed to it, though (as is commonly acknowledged) never, in the long run, disjoined from it in fact.

In the case of this, as of our other moral sentiments, there is no necessary connexion between the question of its origin, and that of its binding force. That a feeling is bestowed on us by Nature, does not necessarily legitimate all its promptings. The feeling of justice might be a peculiar instinct, and might yet require, like our other instincts, to be controlled and enlightened by a higher reason. If we have intellectual instincts, leading us to judge in a particular way, as well as animal instincts that prompt us to act in a particular way,

there is no necessity that the former should be more infallible in their sphere than the latter in theirs: it may as well happen that wrong judgments are occasionally suggested by those, as wrong actions by these. But though it is one thing to believe that we have natural feelings of justice, and another to acknowledge them as an ultimate criterion of conduct, these two opinions are very closely connected in point of fact. Mankind are always predisposed to believe that any subjective feeling, not otherwise accounted for, is a revelation of some objective reality. Our present object is to determine whether the reality, to which the feeling of justice corresponds, is one which needs any such special revelation; whether the justice or injustice of an action is a thing intrinsically peculiar, and distinct from all its other qualities, or only a combination of certain of those qualities, presented under a peculiar aspect. For the purpose of this inquiry, it is practically important to consider whether the feeling itself, of justice and injustice, is *sui generis* like our sensations of colour and taste, or a derivative feeling, formed by a combination of others. And this it is the more essential to examine, as people are in general willing enough to allow, that objectively the dictates of justice coincide with a part of the field of General Expediency; but inasmuch as the subjective mental feeling of Justice is different from that which commonly attaches to simple expediency, and, except in extreme cases of the latter, is far more imperative in its demands, people find it difficult to see, in Justice, only a particular kind or branch of general utility, and think that its superior binding force requires a totally different origin.

To throw light upon this question, it is necessary to attempt to ascertain what is the distinguishing character of justice, or of injustice: what is the quality, or whether there is any quality, attributed in common to all modes of conduct designated as unjust (for justice, like many other moral attributes, is best defined by its opposite), and distinguishing them from such modes of conduct as are disapproved, but without having that particular epithet of disapprobation applied to them. If, in everything which men are

accustomed to characterize as just or unjust, some one common attribute or collection of attributes is always present, we may judge whether this particular attribute or combination of attributes would be capable of gathering round it a sentiment of that peculiar character and intensity by virtue of the general laws of our emotional constitution, or whether the sentiment is inexplicable, and requires to be regarded as a special provision of Nature. If we find the former to be the case, we shall, in resolving this question, have resolved also the main problem: if the latter, we shall have to seek for some other mode of investigating it.

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To find the common attributes of a variety of objects, it is necessary to begin, by surveying the objects themselves in the concrete. Let us therefore advert successively to the various modes of action, and arrangements of human affairs, which are classed, by universal or widely spread opinion, as Just or as Unjust. The things well known to excite the sentiments associated with those names, are of a very multifarious character. I shall pass them rapidly in review, without studying any particular arrangement.

In the first place, it is mostly considered unjust to deprive any one of his personal liberty, his property, or any other thing which belongs to him by law. Here, therefore, is one instance of the application of the terms just and unjust in a perfectly definite sense, namely, that it is just to respect, unjust to violate, the *legal rights* of any one. But this judgment admits of several exceptions, arising from the other forms in which the notions of justice and injustice present themselves. For example, the person who suffers the deprivation may (as the phrase is) have *forfeited* the rights which he is so deprived of: a case to which we shall return presently. But also,

Secondly; the legal rights of which he is deprived, may be rights which *ought* not to have belonged to him; in other words, the law which confers on him these rights, may be a bad law. When it is so, or when (which is the same thing for our purpose) it is supposed to

be so, opinions will differ as to the justice or injustice of infringing it. Some maintain that no law, however bad, ought to be disobeyed by an individual citizen; that his opposition to it, if shown at all, should only be shown in endeavouring to get it altered by competent authority. This opinion (which condemns many of the most illustrious benefactors of mankind, and would often protect pernicious institutions against the only weapons which, in the state of things existing at the time, have any chance of succeeding against them) is defended, by those who hold it, on grounds of expediency; principally on that of the importance, to the common interest of mankind, of maintaining inviolate the sentiment of submission to law. Other persons, again, hold the directly contrary opinion, that any law, judged to be bad, may blamelessly be disobeyed, even though it be not judged to be unjust, but only inexpedient; while others would confine the licence of disobedience to the case of unjust laws: but again, some say, that all laws which are inexpedient are unjust; since every law imposes some restriction on the natural liberty of mankind, which restriction is an injustice, unless legitimated by tending to their good. Among these diversities of opinion, it seems to be universally admitted that there may be unjust laws, and that law, consequently, is not the ultimate criterion of justice, but may give to one person a benefit, or impose on another an evil, which justice condemns. When, however, a law is thought to be unjust, it seems always to be regarded as being so in the same way in which a breach of law is unjust, namely, by infringing somebody's right; which, as it cannot in this case be a legal right, receives a different appellation, and is called a moral right. We may say, therefore, that a second case of injustice consists in taking or withholding from any person that to which he has a *moral right*.

Thirdly, it is universally considered just that each person should obtain that (whether good or evil) which he *deserves*; and unjust that he should obtain a good, or be made to undergo an evil, which he does not deserve. This is, perhaps, the clearest and most emphatic form in which the idea of justice is conceived by the general mind.

As it involves the notion of desert, the question arises, what constitutes desert? Speaking in a general way, a person is understood to deserve good if he does right, evil if he does wrong; and in a more particular sense, to deserve good from those to whom he does or has done good, and evil from those to whom he does or has done evil. The precept of returning good for evil has never been regarded as a case of the fulfilment of justice, but as one in which the claims of justice are waived, in obedience to other considerations.

Fourthly, it is confessedly unjust to *break faith* with any one: to violate an engagement, either express or implied, or disappoint expectations raised by our own conduct, at least if we have raised those expectations knowingly and voluntarily. Like the other obligations of justice already spoken of, this one is not regarded as absolute, but as capable of being overruled by a stronger obligation of justice on the other side; or by such conduct on the part of the person concerned as is deemed to absolve us from our obligation to him, and to constitute a *forfeiture* of the benefit which he has been led to expect.

Fifthly, it is, by universal admission, inconsistent with justice to be *partial*; to show favour or preference to one person over another, in matters to which favour and preference do not properly apply. Impartiality, however, does not seem to be regarded as a duty in itself, but rather as instrumental to some other duty; for it is admitted that favour and preference are not always censurable, and indeed the cases in which they are condemned are rather the exception than the rule. A person would be more likely to be blamed than applauded for giving his family or friends no superiority in good offices over strangers, when he could do so without violating any other duty; and no one thinks it unjust to seek one person in preference to another as a friend, connexion, or companion. Impartiality where rights are concerned is of course obligatory, but this is involved in the more general obligation of giving to every one his right. A tribunal, for example, must be impartial, because it is bound to award, without regard to any other consideration,

a disputed object to the one of two parties who has the right to it. There are other cases in which impartiality means, being solely influenced by desert; as with those who, in the capacity of judges, preceptors, or parents, administer reward and punishment as such. There are cases, again, in which it means, being solely influenced by consideration for the public interest; as in making a selection among candidates for a Government employment. Impartiality, in short, as an obligation of justice, may be said to mean, being exclusively influenced by the considerations which it is supposed ought to influence the particular case in hand; and resisting the solicitation of any motives which prompt to conduct different from what those considerations would dictate.

Nearly allied to the idea of impartiality, is that of *equality*; which often enters as a component part both into the conception of justice and into the practice of it, and, in the eyes of many persons, constitutes its essence. But in this, still more than in any other case, the notion of justice varies in different persons, and always conforms in its variations to their notion of utility. Each person maintains that equality is the dictate of justice, except where he thinks that expediency requires inequality. The justice of giving equal protection to the rights of all, is maintained by those who support the most outrageous inequality in the rights themselves. Even in slave countries it is theoretically admitted that the rights of the slave, such as they are, ought to be as sacred as those of the master; and that a tribunal which fails to enforce them with equal strictness is wanting in justice; while, at the same time, institutions which leave to the slave scarcely any rights to enforce, are not deemed unjust, because they are not deemed inexpedient. Those who think that utility requires distinctions of rank, do not consider it unjust that riches and social privileges should be unequally dispensed; but those who think this inequality inexpedient, think it unjust also. Whoever thinks that government is necessary, sees no injustice in as much inequality as is constituted by giving to the magistrate powers not granted to other people. Even among those who hold levelling doctrines, there are as many questions of

justice as there are differences of opinion about expediency. Some Communists consider it unjust that the produce of the labour of the community should be shared on any other principle than that of exact equality; others think it just that those should receive most whose needs are greatest; while others hold that those who work harder, or who produce more, or whose services are more valuable to the community, may justly claim a larger quota in the division of the produce. And the sense of natural justice may be plausibly appealed to in behalf of every one of these opinions.

Among so many diverse applications of the term Justice, which yet is not regarded as ambiguous, it is a matter of some difficulty to seize the mental link which holds them together, and on which the moral sentiment adhering to the term essentially depends. Perhaps, in this embarrassment, some help may be derived from the history of the word, as indicated by its etymology.

In most, if not in all languages, the etymology of the word which corresponds to Just, points to an origin connected either with positive law, or with that which was in most cases the primitive form of law—authoritative custom. *Justum* is a form of *jussum*, that which has been ordered. *Jus* is of the same origin. *Dichanou* comes from *dichae*, of which the principal meaning, at least in the historical ages of Greece, was a suit at law. Originally, indeed, it meant only the mode or *manner* of doing things, but it early came to mean the *prescribed manner*; that which the recognized authorities, patriarchal, judicial, or political, would enforce. *Recht*, from which came *right* and *righteous*, is synonymous with law. The original meaning, indeed, of *recht* did not point to law, but to physical straightness; as *wrong* and its Latin equivalents meant twisted or tortuous; and from this it is argued that right did not originally mean law, but on the contrary law meant right. But however this may be, the fact that *recht* and *droit* became restricted in their meaning to positive law, although much which is not required by law is equally necessary to moral straightness or rectitude, is as significant of the original character of moral ideas as if the derivation had been the reverse way. The courts of justice, the administration of justice, are

the courts and the administration of law. *La justice*, in French, is the established term for judicature. There can, I think, be no doubt that the *idée mère*, the primitive element, in the formation of the notion of justice, was conformity to law. It constituted the entire idea among the Hebrews, up to the birth of Christianity; as might be expected in the case of a people whose laws attempted to embrace all subjects on which precepts were required, and who believed those laws to be a direct emanation from the Supreme Being. But other nations, and in particular the Greeks and Romans, who knew that their laws had been made originally, and still continued to be made, by men, were not afraid to admit that those men might make bad laws; might do, by law, the same things, and from the same motives, which, if done by individuals without the sanction of law, would be called unjust. And hence the sentiment of injustice came to be attached, not to all violations of law, but only to violations of such laws as *ought* to exist, including such as ought to exist but do not; and to laws themselves, if supposed to be contrary to what ought to be law. In this manner the idea of law and of its injunctions was still predominant in the notion of justice, even when the laws actually in force ceased to be accepted as the standard of it.

It is true that mankind consider the idea of justice and its obligations as applicable to many things which neither are, nor is it desired that they should be, regulated by law. Nobody desires that laws should interfere with the whole detail of private life; yet every one allows that in all daily conduct a person may and does show himself to be either just or unjust. But even here, the idea of the breach of what ought to be law, still lingers in a modified shape. It would always give us pleasure, and chime in with our feelings of fitness, that acts which we deem unjust should be punished, though we do not always think it expedient that this should be done by the tribunals. We forego that gratification on account of incidental inconveniences. We should be glad to see just conduct enforced and injustice repressed, even in the minutest details, if we were not, with reason, afraid of trusting the magistrate with so unlimited an amount of power over individuals. When we think that

a person is bound in justice to do a thing, it is an ordinary form of language to say, that he ought to be compelled to do it. We should be gratified to see the obligation enforced by anybody who had the power. If we see that its enforcement by law would be inexpedient, we lament the impossibility, we consider the impunity given to injustice as an evil, and strive to make amends for it by bringing a strong expression of our own and the public disapprobation to bear upon the offender. Thus the idea of legal constraint is still the generating idea of the notion of justice, though undergoing several transformations before that notion, as it exists in an advanced state of society, becomes complete.

The above is, I think, a true account, as far as it goes, of the origin and progressive growth of the idea of justice. But we must observe, that it contains, as yet, nothing to distinguish that obligation from moral obligation in general. For the truth is, that the idea of penal sanction, which is the essence of law, enters not only into the conception of injustice, but into that of any kind of wrong. We do not call anything wrong, unless we mean to imply that a person ought to be punished in some way or other for doing it; if not by law, by the opinion of his fellow creatures; if not by opinion, by the reproaches of his own conscience. This seems the real turning point of the distinction between morality and simple expediency. It is a part of the notion of Duty in every one of its forms, that a person may rightfully be compelled to fulfil it. Duty is a thing which may be *exacted* from a person, as one exacts a debt. Unless we think that it might be exacted from him, we do not call it his duty. Reasons of prudence, or the interest of other people, may militate against actually exacting it; but the person himself, it is clearly understood, would not be entitled to complain. There are other things, on the contrary, which we wish that people should do, which we like or admire them for doing, perhaps dislike or despise them for not doing, but yet admit that they are not bound to do; it is not a case of moral obligation; we do not blame them, that is, we do not think that they are proper objects of punishment. How we come by these ideas of deserving and not deserving punishment, will appear, perhaps,

in the sequel; but I think there is no doubt that this distinction lies at the bottom of the notions of right and wrong; that we call any conduct wrong, or employ instead, some other term of dislike or disparagement, according as we think that the person ought, or ought not, to be punished for it; and we say that it would be right to do so and so, or merely that it would be desirable or laudable, according as we would wish to see the person whom it concerns, compelled or only persuaded and exhorted, to act in that manner.<sup>[C]</sup>

This, therefore, being the characteristic difference which marks off, not justice, but morality in general, from the remaining provinces of Expediency and Worthiness; the character is still to be sought which distinguishes justice from other branches of morality. Now it is known that ethical writers divide moral duties into two classes, denoted by the ill-chosen expressions, duties of perfect and of imperfect obligation; the latter being those in which, though the act is obligatory, the particular occasions of performing it are left to our choice; as in the case of charity or beneficence, which we are indeed bound to practise, but not towards any definite person, nor at any prescribed time. In the more precise language of philosophic jurists, duties of perfect obligation are those duties in virtue of which a correlative right resides in some person or persons; duties of imperfect obligation are those moral obligations which do not give birth to any right. I think it will be found that this distinction exactly coincides with that which exists between justice and the other obligations of morality. In our survey of the various popular acceptations of justice, the term appeared generally to involve the idea of a personal right—a claim on the part of one or more individuals, like that which the law gives when it confers a proprietary or other legal right. Whether the injustice consists in depriving a person of a possession, or in breaking faith with him, or in treating him worse than he deserves, or worse than other people who have no greater claims, in each case the supposition implies two things—a wrong done, and some assignable person who is wronged. Injustice may also be done by treating a person better than others; but the wrong in this case is to his competitors, who

are also assignable persons. It seems to me that this feature in the case—a right in some person, correlative to the moral obligation—constitutes the specific difference between justice, and generosity or beneficence. Justice implies something which it is not only right to do, and wrong not to do, but which some individual person can claim from us as his moral right. No one has a moral right to our generosity or beneficence, because we are not morally bound to practise those virtues towards any given individual. And it will be found, with respect to this as with respect to every correct definition, that the instances which seem to conflict with it are those which most confirm it. For if a moralist attempts, as some have done, to make out that mankind generally, though not any given individual, have a right to all the good we can do them, he at once, by that thesis, includes generosity and beneficence within the category of justice. He is obliged to say, that our utmost exertions are due to our fellow creatures, thus assimilating them to a debt; or that nothing less can be a sufficient *return* for what society does for us, thus classing the case as one of gratitude; both of which are acknowledged cases of justice. Wherever there is a right, the case is one of justice, and not of the virtue of beneficence: and whoever does not place the distinction between justice and morality in general where we have now placed it, will be found to make no distinction between them at all, but to merge all morality in justice.

Having thus endeavoured to determine the distinctive elements which enter into the composition of the idea of justice, we are ready to enter on the inquiry, whether the feeling, which accompanies the idea, is attached to it by a special dispensation of nature, or whether it could have grown up, by any known laws, out of the idea itself; and in particular, whether it can have originated in considerations of general expediency.

I conceive that the sentiment itself does not arise from anything which would commonly, or correctly, be termed an idea of expediency; but that, though the sentiment does not, whatever is moral in it does.

We have seen that the two essential ingredients in the sentiment

of justice are, the desire to punish a person who has done harm, and the knowledge or belief that there is some definite individual or individuals to whom harm has been done.

Now it appears to me, that the desire to punish a person who has done harm to some individual, is a spontaneous outgrowth from two sentiments, both in the highest degree natural, and which either are or resemble instincts; the impulse of self-defence, and the feeling of sympathy.

It is natural to resent, and to repel or retaliate, any harm done or attempted against ourselves, or against those with whom we sympathize. The origin of this sentiment it is not necessary here to discuss. Whether it be an instinct or a result of intelligence, it is, we know, common to all animal nature; for every animal tries to hurt those who have hurt, or who it thinks are about to hurt, itself or its young. Human beings, on this point, only differ from other animals in two particulars. First, in being capable of sympathizing, not solely with their offspring, or, like some of the more noble animals, with some superior animal who is kind to them, but with all human, and even with all sentient beings. Secondly, in having a more developed intelligence, which gives a wider range to the whole of their sentiments, whether self-regarding or sympathetic. By virtue of his superior intelligence, even apart from his superior range of sympathy, a human being is capable of apprehending a community of interest between himself and the human society of which he forms a part, such that any conduct which threatens the security of the society generally, is threatening to his own, and calls forth his instinct (if instinct it be) of self-defence. The same superiority of intelligence, joined to the power of sympathizing with human beings generally, enables him to attach himself to the collective idea of his tribe, his country, or mankind, in such a manner that any act hurtful to them rouses his instinct of sympathy, and urges him to resistance.

The sentiment of justice, in that one of its elements which consists of the desire to punish, is thus, I conceive, the natural feeling of retaliation or vengeance, rendered by intellect and

sympathy applicable to those injuries, that is, to those hurts, which wound us through, or in common with, society at large. This sentiment, in itself, has nothing moral in it; what is moral is, the exclusive subordination of it to the social sympathies, so as to wait on and obey their call. For the natural feeling tends to make us resent indiscriminately whatever any one does that is disagreeable to us; but when moralized by the social feeling, it only acts in the directions conformable to the general good; just persons resenting a hurt to society, though not otherwise a hurt to themselves, and not resenting a hurt to themselves, however painful, unless it be of the kind which society has a common interest with them in the repression of.

It is no objection against this doctrine to say, that when we feel our sentiment of justice outraged, we are not thinking of society at large, or of any collective interest, but only of the individual case. It is common enough certainly, though the reverse of commendable, to feel resentment merely because we have suffered pain; but a person whose resentment is really a moral feeling, that is, who considers whether an act is blameable before he allows himself to resent it—such a person, though he may not say expressly to himself that he is standing up for the interest of society, certainly does feel that he is asserting a rule which is for the benefit of others as well as for his own. If he is not feeling this—if he is regarding the act solely as it affects him individually—he is not consciously just; he is not concerning himself about the justice of his actions. This is admitted even by anti-utilitarian moralists. When Kant (as before remarked) propounds as the fundamental principle of morals, ‘So act, that thy rule of conduct might be adopted as a law by all rational beings,’ he virtually acknowledges that the interest of mankind collectively, or at least of mankind indiscriminately, must be in the mind of the agent when conscientiously deciding on the morality of the act. Otherwise he uses words without a meaning: for, that a rule even of utter selfishness could not possibly be adopted by all rational beings—that there is any insuperable obstacle in the nature of things to its adoption—cannot be even plausibly maintained. To give any

meaning to Kant's principle, the sense put upon it must be, that we ought to shape our conduct by a rule which all rational beings might adopt *with benefit to their collective interest*.

To recapitulate: the idea of justice supposes two things; a rule of conduct, and a sentiment which sanctions the rule. The first must be supposed common to all mankind, and intended for their good. The other (the sentiment) is a desire that punishment may be suffered by those who infringe the rule. There is involved, in addition, the conception of some definite person who suffers by the infringement; whose rights (to use the expression appropriated to the case) are violated by it. And the sentiment of justice appears to me to be, the animal desire to repel or retaliate a hurt or damage to oneself, or to those with whom one sympathizes, widened so as to include all persons, by the human capacity of enlarged sympathy, and the human conception of intelligent self-interest. From the latter elements, the feeling derives its morality; from the former, its peculiar impressiveness, and energy of self-assertion.

I have, throughout, treated the idea of a *right* residing in the injured person, and violated by the injury, not as a separate element in the composition of the idea and sentiment, but as one of the forms in which the other two elements clothe themselves. These elements are, a hurt to some assignable person or persons on the one hand, and a demand for punishment on the other. An examination of our own minds, I think, will show, that these two things include all that we mean when we speak of violation of a right. When we call anything a person's right, we mean that he has a valid claim on society to protect him in the possession of it, either by the force of law, or by that of education and opinion. If he has what we consider a sufficient claim, on whatever account, to have something guaranteed to him by society, we say that he has a right to it. If we desire to prove that anything does not belong to him by right, we think this done as soon as it is admitted that society ought not to take measures for securing it to him, but should leave it to chance, or to his own exertions. Thus, a person is said to have a right to what he can earn in fair professional competition; because

society ought not to allow any other person to hinder him from endeavouring to earn in that manner as much as he can. But he has not a right to three hundred a-year, though he may happen to be earning it; because society is not called on to provide that he shall earn that sum. On the contrary, if he owns ten thousand pounds three per cent. stock, he has a right to three hundred a-year; because society has come under an obligation to provide him with an income of that amount.

To have a right, then, is, I conceive, to have something which society ought to defend me in the possession of. If the objector goes on to ask why it ought, I can give him no other reason than general utility. If that expression does not seem to convey a sufficient feeling of the strength of the obligation, nor to account for the peculiar energy of the feeling, it is because there goes to the composition of the sentiment, not a rational only but also an animal element, the thirst for retaliation; and this thirst derives its intensity, as well as its moral justification, from the extraordinarily important and impressive kind of utility which is concerned. The interest involved is that of security, to every one's feelings the most vital of all interests. Nearly all other earthly benefits are needed by one person, not needed by another; and many of them can, if necessary, be cheerfully foregone, or replaced by something else; but security no human being can possibly do without; on it we depend for all our immunity from evil, and for the whole value of all and every good, beyond the passing moment; since nothing but the gratification of the instant could be of any worth to us, if we could be deprived of everything the next instant by whoever was momentarily stronger than ourselves. Now this most indispensable of all necessaries, after physical nutriment, cannot be had, unless the machinery for providing it is kept unintermittedly in active play. Our notion, therefore, of the claim we have on our fellow creatures to join in making safe for us the very groundwork of our existence, gathers feelings round it so much more intense than those concerned in any of the more common cases of utility, that the difference in degree (as is often the case in psychology) becomes

a real difference in kind. The claim assumes that character of absoluteness, that apparent infinity, and incommensurability with all other considerations, which constitute the distinction between the feeling of right and wrong and that of ordinary expediency and in expediency. The feelings concerned are so powerful, and we count so positively on finding a responsive feeling in others (all being alike interested), that *ought* and *should* grow into *must*, and recognized indispensability becomes a moral necessity, analogous to physical, and often not inferior to it in binding force.

If the preceding analysis, or something resembling it, be not the correct account of the notion of justice; if justice be totally independent of utility, and be a standard *per se*, which the mind can recognize by simple introspection of itself; it is hard to understand why that internal oracle is so ambiguous, and why so many things appear either just or unjust, according to the light in which they are regarded. We are continually informed that Utility is an uncertain standard, which every different person interprets differently, and that there is no safety but in the immutable, ineffaceable, and un mistakeable dictates of Justice, which carry their evidence in themselves, and are independent of the fluctuations of opinion. One would suppose from this that on questions of justice there could be no controversy; that if we take that for our rule, its application to any given case could leave us in as little doubt as a mathematical demonstration. So far is this from being the fact, that there is as much difference of opinion, and as fierce discussion, about what is just, as about what is useful to society. Not only have different nations and individuals different notions of justice, but, in the mind of one and the same individual, justice is not some one rule, principle, or maxim, but many, which do not always coincide in their dictates, and in choosing between which, he is guided either by some extraneous standard, or by his own personal predilections.

For instance, there are some who say, that it is unjust to punish any one for the sake of example to others; that punishment is just, only when intended for the good of the sufferer himself. Others maintain the extreme reverse, contending that to punish persons

who have attained years of discretion, for their own benefit, is despotism and injustice, since if the matter at issue is solely their own good, no one has a right to control their own judgment of it; but that they may justly be punished to prevent evil to others, this being an exercise of the legitimate right of self-defence. Mr. Owen, again, affirms that it is unjust to punish at all; for the criminal did not make his own character; his education, and the circumstances which surround him, have made him a criminal, and for these he is not responsible. All these opinions are extremely plausible; and so long as the question is argued as one of justice simply, without going down to the principles which lie under justice and are the source of its authority, I am unable to see how any of these reasoners can be refuted. For, in truth, every one of the three builds upon rules of justice confessedly true. The first appeals to the acknowledged injustice of singling out an individual, and making him a sacrifice, without his consent, for other people's benefit. The second relies on the acknowledged justice of self-defence, and the admitted injustice of forcing one person to conform to another's notions of what constitutes his good. The Owenite invokes the admitted principle, that it is unjust to punish any one for what he cannot help. Each is triumphant so long as he is not compelled to take into consideration any other maxims of justice than the one he has selected; but as soon as their several maxims are brought face to face, each disputant seems to have exactly as much to say for himself as the others. No one of them can carry out his own notion of justice without trampling upon another equally binding. These are difficulties; they have always been felt to be such; and many devices have been invented to turn rather than to overcome them. As a refuge from the last of the three, men imagined what they called the freedom of the will; fancying that they could not justify punishing a man whose will is in a thoroughly hateful state, unless it be supposed to have come into that state through no influence of anterior circumstances. To escape from the other difficulties, a favourite contrivance has been the fiction of a contract, whereby at some unknown period all the members of society engaged to

obey the laws, and consented to be punished for any disobedience to them; thereby giving to their legislators the right, which it is assumed they would not otherwise have had, of punishing them, either for their own good or for that of society. This happy thought was considered to get rid of the whole difficulty, and to legitimate the infliction of punishment, in virtue of another received maxim of justice, *volenti non fit injuria*; that is not unjust which is done with the consent of the person who is supposed to be hurt by it. I need hardly remark, that even if the consent were not a mere fiction, this maxim is not superior in authority to the others which it is brought in to supersede. It is, on the contrary, an instructive specimen of the loose and irregular manner in which supposed principles of justice grow up. This particular one evidently came into use as a help to the coarse exigencies of courts of law, which are sometimes obliged to be content with very uncertain presumptions, on account of the greater evils which would often arise from any attempt on their part to cut finer. But even courts of law are not able to adhere consistently to the maxim, for they allow voluntary engagements to be set aside on the ground of fraud, and sometimes on that of mere mistake or misinformation.

Again, when the legitimacy of inflicting punishment is admitted, how many conflicting conceptions of justice come to light in discussing the proper apportionment of punishment to offences. No rule on this subject recommends itself so strongly to the primitive and spontaneous sentiment of justice, as the *lex talionis*, an eye for an eye and a tooth for a tooth. Though this principle of the Jewish and of the Mahomedan law has been generally abandoned in Europe as a practical maxim, there is, I suspect, in most minds, a secret hankering after it; and when retribution accidentally falls on an offender in that precise shape, the general feeling of satisfaction evinced, bears witness how natural is the sentiment to which this repayment in kind is acceptable. With many the test of justice in penal infliction is that the punishment should be proportioned to the offence; meaning that it should be exactly measured by the moral guilt of the culprit (whatever be their standard for measuring

moral guilt): the consideration, what amount of punishment is necessary to deter from the offence, having nothing to do with the question of justice, in their estimation: while there are others to whom that consideration is all in all; who maintain that it is not just, at least for man, to inflict on a fellow creature, whatever may be his offences, any amount of suffering beyond the least that will suffice to prevent him from repeating, and others from imitating, his misconduct.

To take another example from a subject already once referred to. In a co-operative industrial association, is it just or not that talent or skill should give a title to superior remuneration? On the negative side of the question it is argued, that whoever does the best he can, deserves equally well, and ought not in justice to be put in a position of inferiority for no fault of his own; that superior abilities have already advantages more than enough, in the admiration they excite, the personal influence they command, and the internal sources of satisfaction attending them, without adding to these a superior share of the world's goods; and that society is bound in justice rather to make compensation to the less favoured, for this unmerited inequality of advantages, than to aggravate it. On the contrary side it is contended, that society receives more from the more efficient labourer; that his services being more useful, society owes him a larger return for them; that a greater share of the joint result is actually his work, and not to allow his claim to it is a kind of robbery; that if he is only to receive as much as others, he can only be justly required to produce as much, and to give a smaller amount of time and exertion, proportioned to his superior efficiency. Who shall decide between these appeals to conflicting principles of justice? Justice has in this case two sides to it, which it is impossible to bring into harmony, and the two disputants have chosen opposite sides; the one looks to what it is just that the individual should receive, the other to what it is just that the community should give. Each, from his own point of view, is unanswerable; and any choice between them, on grounds of

justice, must be perfectly arbitrary. Social utility alone can decide the preference.

How many, again, and how irreconcilable, are the standards of justice to which reference is made in discussing the repartition of taxation. One opinion is, that payment to the State should be in numerical proportion to pecuniary means. Others think that justice dictates what they term graduated taxation; taking a higher percentage from those who have more to spare. In point of natural justice a strong case might be made for disregarding means altogether, and taking the same absolute sum (whenever it could be got) from every one: as the subscribers to a mess, or to a club, all pay the same sum for the same privileges, whether they can all equally afford it or not. Since the protection (it might be said) of law and government is afforded to, and is equally required by, all, there is no injustice in making all buy it at the same price. It is reckoned justice, not injustice, that a dealer should charge to all customers the same price for the same article, not a price varying according to their means of payment. This doctrine, as applied to taxation, finds no advocates, because it conflicts strongly with men's feelings of humanity and perceptions of social expediency; but the principle of justice which it invokes is as true and as binding as those which can be appealed to against it. Accordingly, it exerts a tacit influence on the line of defence employed for other modes of assessing taxation. People feel obliged to argue that the State does more for the rich than for the poor, as a justification for its taking more from them: though this is in reality not true, for the rich would be far better able to protect themselves, in the absence of law or government, than the poor, and indeed would probably be successful in converting the poor into their slaves. Others, again, so far defer to the same conception of justice, as to maintain that all should pay an equal capitation tax for the protection of their persons (these being of equal value to all), and an unequal tax for the protection of their property, which is unequal. To this others reply, that the all of one man is as valuable to him as the all of another. From these confusions there is no other mode of extrication than the utilitarian.

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Is, then, the difference between the Just and the Expedient a merely imaginary distinction? Have mankind been under a delusion in thinking that justice is a more sacred thing than policy, and that the latter ought only to be listened to after the former has been satisfied? By no means. The exposition we have given of the nature and origin of the sentiment, recognises a real distinction; and no one of those who profess the most sublime contempt for the consequences of actions as an element in their morality, attaches more importance to the distinction than I do. While I dispute the pretensions of any theory which sets up an imaginary standard of justice not grounded on utility, I account the justice which is grounded on utility to be the chief part, and incomparably the most sacred and binding part, of all morality. Justice is a name for certain classes of moral rules, which concern the essentials of human well-being more nearly, and are therefore of more absolute obligation, than any other rules for the guidance of life; and the notion which we have found to be of the essence of the idea of justice, that of a right residing in an individual, implies and testifies to this more binding obligation.

The moral rules which forbid mankind to hurt one another (in which we must never forget to include wrongful interference with each other's freedom) are more vital to human well-being than any maxims, however important, which only point out the best mode of managing some department of human affairs. They have also the peculiarity, that they are the main element in determining the whole of the social feelings of mankind. It is their observance which alone preserves peace among human beings: if obedience to them were not the rule, and disobedience the exception, every one would see in every one else a probable enemy, against whom he must be perpetually guarding himself. What is hardly less important, these are the precepts which mankind have the strongest and the most direct inducements for impressing upon one another. By merely giving to each other prudential instruction or exhortation, they may gain, or think they gain, nothing; in inculcating on each other the

duty of positive beneficence they have an unmistakeable interest, but far less in degree: a person may possibly not need the benefits of others; but he always needs that they should not do him hurt. Thus the moralities which protect every individual from being harmed by others, either directly or by being hindered in his freedom of pursuing his own good, are at once those which he himself has most at heart, and those which he has the strongest interest in publishing and enforcing by word and deed. It is by a person's observance of these, that his fitness to exist as one of the fellowship of human beings, is tested and decided; for on that depends his being a nuisance or not to those with whom he is in contact. Now it is these moralities primarily, which compose the obligations of justice. The most marked cases of injustice, and those which give the tone to the feeling of repugnance which characterizes the sentiment, are acts of wrongful aggression, or wrongful exercise of power over some one; the next are those which consist in wrongfully withholding from him something which is his due; in both cases, inflicting on him a positive hurt, either in the form of direct suffering, or of the privation of some good which he had reasonable ground, either of a physical or of a social kind, for counting upon.

The same powerful motives which command the observance of these primary moralities, enjoin the punishment of those who violate them; and as the impulses of self-defence, of defence of others, and of vengeance, are all called forth against such persons, retribution, or evil for evil, becomes closely connected with the sentiment of justice, and is universally included in the idea. Good for good is also one of the dictates of justice; and this, though its social utility is evident, and though it carries with it a natural human feeling, has not at first sight that obvious connexion with hurt or injury, which, existing in the most elementary cases of just and unjust, is the source of the characteristic intensity of the sentiment. But the connexion, though less obvious, is not less real. He who accepts benefits, and denies a return of them when needed, inflicts a real hurt, by disappointing one of the most natural and reasonable

of expectations, and one which he must at least tacitly have encouraged, otherwise the benefits would seldom have been conferred. The important rank, among human evils and wrongs, of the disappointment of expectation, is shown in the fact that it constitutes the principal criminality of two such highly immoral acts as a breach of friendship and a breach of promise. Few hurts which human beings can sustain are greater, and none wound more, than when that on which they habitually and with full assurance relied, fails them in the hour of need; and few wrongs are greater than this mere withholding of good; none excite more resentment, either in the person suffering, or in a sympathizing spectator. The principle, therefore, of giving to each what they deserve, that is, good for good as well as evil for evil, is not only included within the idea of Justice as we have defined it, but is a proper object of that intensity of sentiment, which places the Just, in human estimation, above the simply Expedient.

Most of the maxims of justice current in the world, and commonly appealed to in its transactions, are simply instrumental to carrying into effect the principles of justice which we have now spoken of. That a person is only responsible for what he has done voluntarily, or could voluntarily have avoided; that it is unjust to condemn any person unheard; that the punishment ought to be proportioned to the offence, and the like, are maxims intended to prevent the just principle of evil for evil from being perverted to the infliction of evil without that justification. The greater part of these common maxims have come into use from the practice of courts of justice, which have been naturally led to a more complete recognition and elaboration than was likely to suggest itself to others, of the rules necessary to enable them to fulfil their double function, of inflicting punishment when due, and of awarding to each person his right.

That first of judicial virtues, impartiality, is an obligation of justice, partly for the reason last mentioned; as being a necessary condition of the fulfilment of the other obligations of justice. But this is not the only source of the exalted rank, among human obligations, of those maxims of equality and impartiality, which, both in popular

estimation and in that of the most enlightened, are included among the precepts of justice. In one point of view, they may be considered as corollaries from the principles already laid down. If it is a duty to do to each according to his deserts, returning good for good as well as repressing evil by evil, it necessarily follows that we should treat all equally well (when no higher duty forbids) who have deserved equally well of us, and that society should treat all equally well who have deserved equally well of it, that is, who have deserved equally well absolutely. This is the highest abstract standard of social and distributive justice; towards which all institutions, and the efforts of all virtuous citizens, should be made in the utmost possible degree to converge. But this great moral duty rests upon a still deeper foundation, being a direct emanation from the first principle of morals, and not a mere logical corollary from secondary or derivative doctrines. It is involved in the very meaning of Utility, or the Greatest-Happiness Principle. That principle is a mere form of words without rational signification, unless one person's happiness, supposed equal in degree (with the proper allowance made for kind), is counted for exactly as much as another's. Those conditions being supplied, Bentham's dictum, 'everybody to count for one, nobody for more than one,' might be written under the principle of utility as an explanatory commentary.<sup>[D]</sup> The equal claim of everybody to happiness in the estimation of the moralist and the legislator, involves an equal claim to all the means of happiness, except in so far as the inevitable conditions of human life, and the general interest, in which that of every individual is included, set limits to the maxim; and those limits ought to be strictly construed. As every other maxim of justice, so this, is by no means applied or held applicable universally; on the contrary, as I have already remarked, it bends to every person's ideas of social expediency. But in whatever case it is deemed applicable at all, it is held to be the dictate of justice. All persons are deemed to have a *right* to equality of treatment, except when some recognised social expediency requires the reverse. And hence all social inequalities which have ceased to be considered expedient, assume the character not of

simple inexpediency, but of injustice, and appear so tyrannical, that people are apt to wonder how they ever could have been tolerated; forgetful that they themselves perhaps tolerate other inequalities under an equally mistaken notion of expediency, the correction of which would make that which they approve seem quite as monstrous as what they have at last learnt to condemn. The entire history of social improvement has been a series of transitions, by which one custom or institution after another, from being a supposed primary necessity of social existence, has passed into the rank of an universally stigmatized injustice and tyranny. So it has been with the distinctions of slaves and freemen, nobles and serfs, patricians and plebeians; and so it will be, and in part already is, with the aristocracies of colour, race, and sex.

It appears from what has been said, that justice is a name for certain moral requirements, which, regarded collectively, stand higher in the scale of social utility, and are therefore of more paramount obligation, than any others; though particular cases may occur in which some other social duty is so important, as to overrule any one of the general maxims of justice. Thus, to save a life, it may not only be allowable, but a duty, to steal, or take by force, the necessary food or medicine, or to kidnap, and compel to officiate, the only qualified medical practitioner. In such cases, as we do not call anything justice which is not a virtue, we usually say, not that justice must give way to some other moral principle, but that what is just in ordinary cases is, by reason of that other principle, not just in the particular case. By this useful accommodation of language, the character of indefeasibility attributed to justice is kept up, and we are saved from the necessity of maintaining that there can be laudable injustice.

The considerations which have now been adduced resolve, I conceive, the only real difficulty in the utilitarian theory of morals. It has always been evident that all cases of justice are also cases of expediency: the difference is in the peculiar sentiment which attaches to the former, as contradistinguished from the latter. If this characteristic sentiment has been sufficiently accounted for; if

there is no necessity to assume for it any peculiarity of origin; if it is simply the natural feeling of resentment, moralized by being made coextensive with the demands of social good; and if this feeling not only does but ought to exist in all the classes of cases to which the idea of justice corresponds; that idea no longer presents itself as a stumbling-block to the utilitarian ethics. Justice remains the appropriate name for certain social utilities which are vastly more important, and therefore more absolute and imperative, than any others are as a class (though not more so than others may be in particular cases); and which, therefore, ought to be, as well as naturally are, guarded by a sentiment not only different in degree, but also in kind; distinguished from the milder feeling which attaches to the mere idea of promoting human pleasure or convenience, at once by the more definite nature of its commands, and by the sterner character of its sanctions.

THE END.

FOOTNOTES:

[C]

See this point enforced and illustrated by Professor Bain, in an admirable chapter (entitled “The Ethical Emotions, or the Moral Sense”) of the second of the two treatises composing his elaborate and profound work on the Mind.

[D]

This implication, in the first principle of the utilitarian scheme, of perfect impartiality between persons, is regarded by Mr. Herbert Spencer (in his *Social Statics*) as a disproof of the pretensions of utility to be a sufficient guide to right; since (he says) the principle of utility presupposes the anterior principle, that everybody has an equal right to happiness. It may be more correctly described as supposing that equal amounts of happiness are equally desirable, whether felt by the same or by different persons. This, however,

is not a pre-supposition; not a premise needful to support the principle of utility, but the very principle itself; for what is the principle of utility, if it be not that 'happiness' and 'desirable' are synonymous terms? If there is any anterior principle implied, it can be no other than this, that the truths of arithmetic are applicable to the valuation of happiness, as of all other measurable quantities.

[Mr. Herbert Spencer, in a private communication on the subject of the preceding Note, objects to being considered an opponent of Utilitarianism; and states that he regards happiness as the ultimate end of morality; but deems that end only partially attainable by empirical generalizations from the observed results of conduct, and completely attainable only by deducing, from the laws of life and the conditions of existence, what kinds of action necessarily tend to produce happiness, and what kinds to produce unhappiness. With the exception of the word "necessarily," I have no dissent to express from this doctrine; and (omitting that word) I am not aware that any modern advocate of utilitarianism is of a different opinion. Bentham, certainly, to whom in the *Social Statics* Mr. Spencer particularly referred, is, least of all writers, chargeable with unwillingness to deduce the effect of actions on happiness from the laws of human nature and the universal conditions of human life. The common charge against him is of relying too exclusively upon such deductions, and declining altogether to be bound by the generalizations from specific experience which Mr. Spencer thinks that utilitarians generally confine themselves to. My own opinion (and, as I collect, Mr. Spencer's) is, that in ethics, as in all other branches of scientific study, the consilience of the results of both these processes, each corroborating and verifying the other, is requisite to give to any general proposition the kind and degree of evidence which constitutes scientific proof.]

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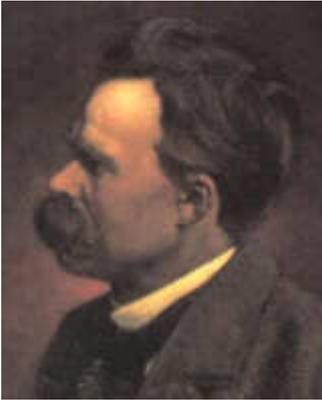
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## 30. Friedrich Nietzsche



Born the son of a Lutheran pastor in Röcken, Saxony, Friedrich Nietzsche was raised by female relatives after his father's death in 1849. He quickly abandoned his initial pursuit of theology in order to specialize in philology at Bonn and Leipzig, where he studied with Friedrich Ritschl. Nietzsche's mastery of classical literature led to an early academic appointment

at Basel and the publication of [DIE GEBURT DER TRAGÖDIE AUS DEM GEISTE DER MUSIK](#) (THE BIRTH OF TRAGEDY) (1872), with its distinction between Apollonian and Dionysian cultures. When ill health forced an early end to his teaching career, Nietzsche began to produce the less scholarly, quasi-philosophical, and anti-religious works for which he is now best known,

including [MENSCHLICHES,](#)

[ALLZUMENSCHLICHES](#) (HUMAN, ALL TOO HUMAN) (1878), [ALSO SPRACH](#)

[ZARATHUSTRA](#) (THUS SPOKE ZARATHUSTRA)

(1883), [DIE FRÖHLICHE WISSENSCHAFT](#) (THE

[GAY SCIENCE](#)) (1882), and [JENSEITS VON GUT UND BÖSE](#) (BEYOND

GOOD AND EVIL) (1886). Nietzsche never recovered from a serious physical and mental collapse he suffered in 1889;

his [DER WILLE ZUR MACHT](#) (WILL TO POWER) (1901) and the

autobiographical [ECCE HOMO](#) ([Ecce Homo](#)) (1908) were

published posthumously.



Nietzsche sharply criticized the Greek tradition's over-emphasis on reason in his [DIE GÖTZENDÄMMERUNG\(TWILIGHT OF THE IDOLS\)](#) (1889). Reliance on



abstract [concepts](#) in a quest for absolute truth, he supposed, is merely a symptom of the degenerate personalities of philosophers like [Socrates](#). From this Nietzsche concluded that [traditional philosophy and religion are both erroneous and harmful](#) for human life; they enervate and degrade our native capacity for achievement.

Progress beyond the stultifying influence of philosophy, then, requires a thorough “revaluation of values.” In [ZUR GENEALOGIE DER MORAL \(ON THE GENEALOGY OF MORALS\)](#) (1887) Nietzsche bitterly decried the slave morality enforced by [social sanctions](#) and religious guilt. Only rare, superior individuals—the noble ones, or [Übermenschen](#)—can [rise above all moral distinctions](#) to achieve a heroic life of truly human worth.

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**Recommended Reading: Primary sources:**

- Friedrich Wilhelm Nietzsche, *WERKE*, ed. by Georgio Colli and Mazzino Montinari (de Gruyter, 1967- )
- *BASIC WRITINGS OF NIETZSCHE*, ed. by Peter Gay (Modern Library, 2000)
- *A NIETZSCHE READER*, tr. by R. J. Hollingdale (Penguin, 1978)
- Friedrich Wilhelm Nietzsche, *BEYOND GOOD AND EVIL*, ed. by Rolf-Peter Horstmann and Judith Norman (Cambridge, 2002)
- Friedrich Wilhelm Nietzsche, *THE BIRTH OF TRAGEDY*, ed. by Douglas Smith (Oxford, 2000)
- Friedrich Wilhelm Nietzsche, *ECCE HOMO: HOW ONE BECOMES WHAT ONE IS*, tr. by R. J. Hollingdale (Penguin, 1993)
- Friedrich Wilhelm Nietzsche, *THE GENEALOGY OF MORALITY AND OTHER WRITINGS*, ed. by Keith Ansell-Pearson and Carol Diethe (Cambridge, 1994)
- Friedrich Wilhelm Nietzsche, *THUS SPOKE ZARATHUSTRA*, tr. by R.J. Hollingdale and Walter Kauffmann (Penguin, 1978)
- Friedrich Wilhelm Nietzsche, *TWILIGHT OF THE IDOLS OR HOW TO PHILOSOPHIZE WITH A HAMMER*, ed. Duncan Large (Oxford, 1998)
- Friedrich Wilhelm Nietzsche, *THE WILL TO POWER*, tr. by R. Hollingdale and Walter Kaufmann (Random House, 1987)
- Friedrich Nietzsche, *THE GAY SCIENCE: WITH A PRELUDE IN GERMAN RHYMES AND AN APPENDIX OF SONGS*, ed. by Bernard Williams (Cambridge, 2001)

**Secondary sources:**

- *THE CAMBRIDGE COMPANION TO NIETZSCHE*, ed. by Bernd Magnus and Kathleen Marie Higgins (Cambridge, 1996)
- Joachim Köhler, *ZARATHUSTRA'S SECRET: THE INTERIOR LIFE OF FRIEDRICH NIETZSCHE* trans. by Ronald Taylor (Yale, 2002)
- Michael Tanner, *NIETZSCHE* (Oxford, 1995)
- R. J. Hollingdale, *NIETZSCHE: THE MAN AND HIS PHILOSOPHY* (Cambridge, 1999)
- *FEMINIST INTERPRETATIONS OF FRIEDRICH NIETZSCHE*, ed. by Kelly Oliver and Marilyn Pearsall (Penn. State, 1998)
- Ronald Hayman, *NIETZSCHE* (Routledge, 1999)
- Richard Schacht, *NIETZSCHE* (Routledge, 1985)
- *THE NEW NIETZSCHE: CONTEMPORARY STYLES OF INTERPRETATION*, ed. by David B. Allison (MIT, 1985)
- Robert C. Solomon and Kathleen M. Higgins, *WHAT NIETZSCHE REALLY SAID* (Schocken, 2000)
- *READING NIETZSCHE*, ed. by Robert C. Solomon and Kathleen M. Higgins (Oxford, 1990)
- Brian Leiter, *ROUTLEDGE PHILOSOPHY GUIDEBOOK TO NIETZSCHE ON MORALITY* (Routledge, 2001)
- Will Dudley, *HEGEL, NIETZSCHE, AND PHILOSOPHY: THINKING FREEDOM* (Cambridge, 2002)
- Elliot L. Jurist, *BEYOND HEGEL AND NIETZSCHE: PHILOSOPHY, CULTURE AND AGENCY* (MIT, 2002)

- 
- Gregory Moore, NIETZSCHE, BIOLOGY AND METAPHOR (Cambridge, 2002)
  - James I. Porter, THE INVENTION OF DIONYSUS: AN ESSAY ON THE BIRTH OF TRAGEDY (Stanford, 2000)
  - Arthur Coleman Danto, NIETZSCHE AS PHILOSOPHER (Columbia, 1965)

**Additional on-line information about Nietzsche includes:**

- Douglas Thomas's outstanding [\\* Nietzsche page](#).
  - articles in *The Stanford Encyclopedia of Philosophy* on:
    - [Nietzsche](#) by Robert Wicks.
    - [Nietzsche's moral and political thought](#) by Brian Leiter
  - Gary Brent Madison on Nietzsche's [influence on postmodern thinkers](#).
  - The full article available at [Encyclopædia Britannica Online](#).
  - The thorough collection of resources at [EpistemeLinks.com](#).
  - Interesting pages from [virtuSens](#).
  - A comparison of [Nietzsche and Kant](#) by Scarlett Marton.
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PART V

MODULE 4: METAPHYSICS  
AND EPISTEMOLOGY



# 31. Immanuel Kant: Critique of Pure Reason (Preface to the Second Edition)

## PREFACE TO THE SECOND EDITION 1787

Whether the treatment of that portion of our knowledge which lies within the province of pure reason advances with that undeviating certainty which characterizes the progress of science, we shall be at no loss to determine. If we find those who are engaged in metaphysical pursuits, unable to come to an understanding as to the method which they ought to follow; if we find them, after the most elaborate preparations, invariably brought to a stand before the goal is reached, and compelled to retrace their steps and strike into fresh paths, we may then feel quite sure that they are far from having attained to the certainty of scientific progress and may rather be said to be merely groping about in the dark. In these circumstances we shall render an important service to reason if we succeed in simply indicating the path along which it must travel, in order to arrive at any results—even if it should be found necessary to abandon many of those aims which, without reflection, have been proposed for its attainment.

That logic has advanced in this sure course, even from the earliest times, is apparent from the fact that, since Aristotle, it has been unable to advance a step and, thus, to all appearance has reached its completion. For, if some of the moderns have thought to enlarge its domain by introducing psychological discussions on the mental faculties, such as imagination and wit, metaphysical, discussions on the origin of knowledge and the different kinds of certitude, according to the difference of the objects (idealism, scepticism, and

so on), or anthropological discussions on prejudices, their causes and remedies: this attempt, on the part of these authors, only shows their ignorance of the peculiar nature of logical science. We do not enlarge but disfigure the sciences when we lose sight of their respective limits and allow them to run into one another. Now logic is enclosed within limits which admit of perfectly clear definition; it is a science which has for its object nothing but the exposition and proof of the formal laws of all thought, whether it be a priori or empirical, whatever be its origin or its object, and whatever the difficulties—natural or accidental—which it encounters in the human mind.

The early success of logic must be attributed exclusively to the narrowness of its field, in which abstraction may, or rather must, be made of all the objects of cognition with their characteristic distinctions, and in which the understanding has only to deal with itself and with its own forms. It is, obviously, a much more difficult task for reason to strike into the sure path of science, where it has to deal not simply with itself, but with objects external to itself. Hence, logic is properly only a propaedeutic—forms, as it were, the vestibule of the sciences; and while it is necessary to enable us to form a correct judgement with regard to the various branches of knowledge, still the acquisition of real, substantive knowledge is to be sought only in the sciences properly so called, that is, in the objective sciences.

Now these sciences, if they can be termed rational at all, must contain elements of a priori cognition, and this cognition may stand in a twofold relation to its object. Either it may have to determine the conception of the object—which must be supplied extraneously, or it may have to establish its reality. The former is theoretical, the latter practical, rational cognition. In both, the pure or a priori element must be treated first, and must be carefully distinguished from that which is supplied from other sources. Any other method can only lead to irremediable confusion.

Mathematics and physics are the two theoretical sciences which have to determine their objects a priori. The former is purely a

priori, the latter is partially so, but is also dependent on other sources of cognition.

In the earliest times of which history affords us any record, mathematics had already entered on the sure course of science, among that wonderful nation, the Greeks. Still it is not to be supposed that it was as easy for this science to strike into, or rather to construct for itself, that royal road, as it was for logic, in which reason has only to deal with itself. On the contrary, I believe that it must have remained long—chiefly among the Egyptians—in the stage of blind groping after its true aims and destination, and that it was revolutionized by the happy idea of one man, who struck out and determined for all time the path which this science must follow, and which admits of an indefinite advancement. The history of this intellectual revolution—much more important in its results than the discovery of the passage round the celebrated Cape of Good Hope—and of its author, has not been preserved. But Diogenes Laertius, in naming the supposed discoverer of some of the simplest elements of geometrical demonstration—elements which, according to the ordinary opinion, do not even require to be proved—makes it apparent that the change introduced by the first indication of this new path, must have seemed of the utmost importance to the mathematicians of that age, and it has thus been secured against the chance of oblivion. A new light must have flashed on the mind of the first man (Thales, or whatever may have been his name) who demonstrated the properties of the isosceles triangle. For he found that it was not sufficient to meditate on the figure, as it lay before his eyes, or the conception of it, as it existed in his mind, and thus endeavour to get at the knowledge of its properties, but that it was necessary to produce these properties, as it were, by a positive a priori construction; and that, in order to arrive with certainty at a priori cognition, he must not attribute to the object any other properties than those which necessarily followed from that which he had himself, in accordance with his conception, placed in the object.

A much longer period elapsed before physics entered on the

highway of science. For it is only about a century and a half since the wise Bacon gave a new direction to physical studies, or rather—as others were already on the right track—imparted fresh vigour to the pursuit of this new direction. Here, too, as in the case of mathematics, we find evidence of a rapid intellectual revolution. In the remarks which follow I shall confine myself to the empirical side of natural science.

When Galilei experimented with balls of a definite weight on the inclined plane, when Torricelli caused the air to sustain a weight which he had calculated beforehand to be equal to that of a definite column of water, or when Stahl, at a later period, converted metals into lime, and reconverted lime into metal, by the addition and subtraction of certain elements; [Footnote: I do not here follow with exactness the history of the experimental method, of which, indeed, the first steps are involved in some obscurity.] a light broke upon all natural philosophers. They learned that reason only perceives that which it produces after its own design; that it must not be content to follow, as it were, in the leading-strings of nature, but must proceed in advance with principles of judgement according to unvarying laws, and compel nature to reply its questions. For accidental observations, made according to no preconceived plan, cannot be united under a necessary law. But it is this that reason seeks for and requires. It is only the principles of reason which can give to concordant phenomena the validity of laws, and it is only when experiment is directed by these rational principles that it can have any real utility. Reason must approach nature with the view, indeed, of receiving information from it, not, however, in the character of a pupil, who listens to all that his master chooses to tell him, but in that of a judge, who compels the witnesses to reply to those questions which he himself thinks fit to propose. To this single idea must the revolution be ascribed, by which, after groping in the dark for so many centuries, natural science was at length conducted into the path of certain progress.

We come now to metaphysics, a purely speculative science, which occupies a completely isolated position and is entirely independent

of the teachings of experience. It deals with mere conceptions—not, like mathematics, with conceptions applied to intuition—and in it, reason is the pupil of itself alone. It is the oldest of the sciences, and would still survive, even if all the rest were swallowed up in the abyss of an all-destroying barbarism. But it has not yet had the good fortune to attain to the sure scientific method. This will be apparent; if we apply the tests which we proposed at the outset. We find that reason perpetually comes to a stand, when it attempts to gain a priori the perception even of those laws which the most common experience confirms. We find it compelled to retrace its steps in innumerable instances, and to abandon the path on which it had entered, because this does not lead to the desired result. We find, too, that those who are engaged in metaphysical pursuits are far from being able to agree among themselves, but that, on the contrary, this science appears to furnish an arena specially adapted for the display of skill or the exercise of strength in mock-contests—a field in which no combatant ever yet succeeded in gaining an inch of ground, in which, at least, no victory was ever yet crowned with permanent possession.

This leads us to inquire why it is that, in metaphysics, the sure path of science has not hitherto been found. Shall we suppose that it is impossible to discover it? Why then should nature have visited our reason with restless aspirations after it, as if it were one of our weightiest concerns? Nay, more, how little cause should we have to place confidence in our reason, if it abandons us in a matter about which, most of all, we desire to know the truth—and not only so, but even allures us to the pursuit of vain phantoms, only to betray us in the end? Or, if the path has only hitherto been missed, what indications do we possess to guide us in a renewed investigation, and to enable us to hope for greater success than has fallen to the lot of our predecessors?

It appears to me that the examples of mathematics and natural philosophy, which, as we have seen, were brought into their present condition by a sudden revolution, are sufficiently remarkable to fix our attention on the essential circumstances of the change which

has proved so advantageous to them, and to induce us to make the experiment of imitating them, so far as the analogy which, as rational sciences, they bear to metaphysics may permit. It has hitherto been assumed that our cognition must conform to the objects; but all attempts to ascertain anything about these objects a priori, by means of conceptions, and thus to extend the range of our knowledge, have been rendered abortive by this assumption. Let us then make the experiment whether we may not be more successful in metaphysics, if we assume that the objects must conform to our cognition. This appears, at all events, to accord better with the possibility of our gaining the end we have in view, that is to say, of arriving at the cognition of objects a priori, of determining something with respect to these objects, before they are given to us. We here propose to do just what Copernicus did in attempting to explain the celestial movements. When he found that he could make no progress by assuming that all the heavenly bodies revolved round the spectator, he reversed the process, and tried the experiment of assuming that the spectator revolved, while the stars remained at rest. We may make the same experiment with regard to the intuition of objects. If the intuition must conform to the nature of the objects, I do not see how we can know anything of them a priori. If, on the other hand, the object conforms to the nature of our faculty of intuition, I can then easily conceive the possibility of such an a priori knowledge. Now as I cannot rest in the mere intuitions, but—if they are to become cognitions—must refer them, as representations, to something, as object, and must determine the latter by means of the former, here again there are two courses open to me. Either, first, I may assume that the conceptions, by which I effect this determination, conform to the object—and in this case I am reduced to the same perplexity as before; or secondly, I may assume that the objects, or, which is the same thing, that experience, in which alone as given objects they are cognized, conform to my conceptions—and then I am at no loss how to proceed. For experience itself is a mode of cognition which requires understanding. Before objects, are given to me, that is, a priori, I must presuppose in myself laws

of the understanding which are expressed in conceptions a priori. To these conceptions, then, all the objects of experience must necessarily conform. Now there are objects which reason thinks, and that necessarily, but which cannot be given in experience, or, at least, cannot be given so as reason thinks them. The attempt to think these objects will hereafter furnish an excellent test of the new method of thought which we have adopted, and which is based on the principle that we only cognize in things a priori that which we ourselves place in them.\*

1

1. [\*Footnote: This method, accordingly, which we have borrowed from the natural philosopher, consists in seeking for the elements of pure reason in that which admits of confirmation or refutation by experiment. Now the propositions of pure reason, especially when they transcend the limits of possible experience, do not admit of our making any experiment with their objects, as in natural science. Hence, with regard to those conceptions and principles which we assume a priori, our only course will be to view them from two different sides. We must regard one and the same conception, on the one hand, in relation to experience as an object of the senses and of the understanding, on the other hand, in relation to reason, isolated and transcending the limits of experience, as an object of mere thought. Now if we find that, when we regard things from this double point of view, the result is in harmony with the principle of pure reason, but that, when we regard them from a single point of view, reason is involved in self-

This attempt succeeds as well as we could desire, and promises to metaphysics, in its first part—that is, where it is occupied with conceptions a priori, of which the corresponding objects may be given in experience—the certain course of science. For by this new method we are enabled perfectly to explain the possibility of a priori cognition, and, what is more, to demonstrate satisfactorily the laws which lie a priori at the foundation of nature, as the sum of the objects of experience—neither of which was possible according to the procedure hitherto followed. But from this deduction of the faculty of a priori cognition in the first part of metaphysics, we derive a surprising result, and one which, to all appearance, militates against the great end of metaphysics, as treated in the second part. For we come to the conclusion that our faculty of cognition is unable to transcend the limits of possible experience; and yet this is precisely the most essential object of this science. The estimate of our rational cognition a priori at which we arrive is that it has only to do with phenomena, and that things in themselves, while possessing a real existence, lie beyond its sphere. Here we are enabled to put the justice of this estimate to the test. For that which of necessity impels us to transcend the limits of experience and of all phenomena is the unconditioned, which reason absolutely requires in things as they are in themselves, in order to complete the series of conditions. Now, if it appears that when, on the one hand, we assume that our cognition conforms to its objects as things in themselves, the unconditioned cannot be thought without contradiction, and that when, on the other hand, we assume that our representation of things as they are given to us, does not conform to these things as they are in themselves, but that these objects, as phenomena, conform to our mode of representation, the contradiction disappears: we shall then be convinced of the truth of that which we began by assuming for the

contradiction, then the experiment will establish the correctness of this distinction.]

sake of experiment; we may look upon it as established that the unconditioned does not lie in things as we know them, or as they are given to us, but in things as they are in themselves, beyond the range of our cognition.\*

2

But, after we have thus denied the power of speculative reason to make any progress in the sphere of the supersensible, it still remains for our consideration whether data do not exist in practical cognition which may enable us to determine the transcendent conception of the unconditioned, to rise beyond the limits of all possible experience from a practical point of view, and thus to satisfy the great ends of metaphysics. Speculative reason has thus, at least, made room for such an extension of our knowledge: and, if it must leave this space vacant, still it does not rob us of the liberty to fill it up, if we can, by means of practical data—nay, it even challenges us to make the attempt.\*

3

2. [\*Footnote: This experiment of pure reason has a great similarity to that of the chemists, which they term the experiment of reduction, or, more usually, the synthetic process. The analysis of the metaphysician separates pure cognition a priori into two heterogeneous elements, viz., the cognition of things as phenomena, and of things in themselves. Dialectic combines these again into harmony with the necessary rational idea of the unconditioned, and finds that this harmony never results except through the above distinction, which is, therefore, concluded to be just.]
3. [\*Footnote: So the central laws of the movements of the heavenly bodies established the truth of that which

This attempt to introduce a complete revolution in the procedure of metaphysics, after the example of the geometricians and natural philosophers, constitutes the aim of the Critique of Pure Speculative Reason. It is a treatise on the method to be followed, not a system of the science itself. But, at the same time, it marks out and defines both the external boundaries and the internal structure of this science. For pure speculative reason has this peculiarity, that, in choosing the various objects of thought, it is able to define the limits of its own faculties, and even to give a complete enumeration of the possible modes of proposing problems to itself, and thus to sketch out the entire system of metaphysics. For, on the one hand, in cognition a priori, nothing must be attributed to the objects but what the thinking subject derives from itself; and, on the other hand, reason is, in regard to the principles of cognition, a perfectly distinct, independent unity, in which, as in an organized body, every

Copernicus, first, assumed only as a hypothesis, and, at the same time, brought to light that invisible force (Newtonian attraction) which holds the universe together. The latter would have remained forever undiscovered, if Copernicus had not ventured on the experiment—contrary to the senses but still just—of looking for the observed movements not in the heavenly bodies, but in the spectator. In this Preface I treat the new metaphysical method as a hypothesis with the view of rendering apparent the first attempts at such a change of method, which are always hypothetical. But in the Critique itself it will be demonstrated, not hypothetically, but apodeictically, from the nature of our representations of space and time, and from the elementary conceptions of the understanding.]

member exists for the sake of the others, and all for the sake of each, so that no principle can be viewed, with safety, in one relationship, unless it is, at the same time, viewed in relation to the total use of pure reason. Hence, too, metaphysics has this singular advantage—an advantage which falls to the lot of no other science which has to do with objects—that, if once it is conducted into the sure path of science, by means of this criticism, it can then take in the whole sphere of its cognitions, and can thus complete its work, and leave it for the use of posterity, as a capital which can never receive fresh accessions. For metaphysics has to deal only with principles and with the limitations of its own employment as determined by these principles. To this perfection it is, therefore, bound, as the fundamental science, to attain, and to it the maxim may justly be applied:

*Nil actum reputans, si quid superesset agendum.*

But, it will be asked, what kind of a treasure is this that we propose to bequeath to posterity? What is the real value of this system of metaphysics, purified by criticism, and thereby reduced to a permanent condition? A cursory view of the present work will lead to the supposition that its use is merely negative, that it only serves to warn us against venturing, with speculative reason, beyond the limits of experience. This is, in fact, its primary use. But this, at once, assumes a positive value, when we observe that the principles with which speculative reason endeavours to transcend its limits lead inevitably, not to the extension, but to the contraction of the use of reason, inasmuch as they threaten to extend the limits of sensibility, which is their proper sphere, over the entire realm of thought and, thus, to supplant the pure (practical) use of reason. So far, then, as this criticism is occupied in confining speculative reason within its proper bounds, it is only negative; but, inasmuch as it thereby, at the same time, removes an obstacle which impedes and even threatens to destroy the use of practical reason, it possesses a positive and very important value. In order to admit this, we have only to be convinced that there is an absolutely necessary use of pure reason—the moral use—in which it inevitably transcends the

limits of sensibility, without the aid of speculation, requiring only to be insured against the effects of a speculation which would involve it in contradiction with itself. To deny the positive advantage of the service which this criticism renders us would be as absurd as to maintain that the system of police is productive of no positive benefit, since its main business is to prevent the violence which citizen has to apprehend from citizen, that so each may pursue his vocation in peace and security. That space and time are only forms of sensible intuition, and hence are only conditions of the existence of things as phenomena; that, moreover, we have no conceptions of the understanding, and, consequently, no elements for the cognition of things, except in so far as a corresponding intuition can be given to these conceptions; that, accordingly, we can have no cognition of an object, as a thing in itself, but only as an object of sensible intuition, that is, as phenomenon—all this is proved in the analytical part of the Critique; and from this the limitation of all possible speculative cognition to the mere objects of experience, follows as a necessary result. At the same time, it must be carefully borne in mind that, while we surrender the power of cognizing, we still reserve the power of thinking objects, as things in themselves.\* For, otherwise, we should require to affirm the existence of an appearance, without something that appears—which would be absurd. Now let us suppose, for a moment, that we had not undertaken this criticism and, accordingly, had not drawn the necessary distinction between things as objects of experience and things as they are in themselves. The principle of causality, and, by consequence, the mechanism of nature as determined by causality, would then have absolute validity in relation to all things as efficient causes. I should then be unable to assert, with regard to one and the same being, e.g., the human soul, that its will is free, and yet, at the same time, subject to natural necessity, that is, not free, without falling into a palpable contradiction, for in both propositions I should take the soul in the same signification, as a thing in general, as a thing in itself—as, without previous criticism, I could not but take it. Suppose now, on the other hand, that we have undertaken

this criticism, and have learnt that an object may be taken in two senses, first, as a phenomenon, secondly, as a thing in itself; and that, according to the deduction of the conceptions of the understanding, the principle of causality has reference only to things in the first sense. We then see how it does not involve any contradiction to assert, on the one hand, that the will, in the phenomenal sphere—in visible action—is necessarily obedient to the law of nature, and, in so far, not free; and, on the other hand, that, as belonging to a thing in itself, it is not subject to that law, and, accordingly, is free. Now, it is true that I cannot, by means of speculative reason, and still less by empirical observation, cognize my soul as a thing in itself and consequently, cannot cognize liberty as the property of a being to which I ascribe effects in the world of sense. For, to do so, I must cognize this being as existing, and yet not in time, which—since I cannot support my conception by any intuition—is impossible. At the same time, while I cannot cognize, I can quite well think freedom, that is to say, my representation of it involves at least no contradiction, if we bear in mind the critical distinction of the two modes of representation (the sensible and the intellectual) and the consequent limitation of the conceptions of the pure understanding and of the principles which flow from them. Suppose now that morality necessarily presupposed liberty, in the strictest sense, as a property of our will; suppose that reason contained certain practical, original principles a priori, which were absolutely impossible without this presupposition; and suppose, at the same time, that speculative reason had proved that liberty was incapable of being thought at all. It would then follow that the moral presupposition must give way to the speculative affirmation, the opposite of which involves an obvious contradiction, and that liberty and, with it, morality must yield to the mechanism of nature; for the negation of morality involves no contradiction, except on the presupposition of liberty. Now morality does not require the speculative cognition of liberty; it is enough that I can think it, that its conception involves no contradiction, that it does not interfere with the mechanism of nature. But even this requirement we could

not satisfy, if we had not learnt the twofold sense in which things may be taken; and it is only in this way that the doctrine of morality and the doctrine of nature are confined within their proper limits. For this result, then, we are indebted to a criticism which warns us of our unavoidable ignorance with regard to things in themselves, and establishes the necessary limitation of our theoretical cognition to mere phenomena.

4

The positive value of the critical principles of pure reason in relation to the conception of God and of the simple nature of the soul, admits of a similar exemplification; but on this point I shall not dwell. I cannot even make the assumption—as the practical interests of morality require—of God, freedom, and immortality, if I do not deprive speculative reason of its pretensions to transcendent insight. For to arrive at these, it must make use of principles which, in fact, extend only to the objects of possible experience, and which

4. [\*Footnote: In order to cognize an object, I must be able to prove its possibility, either from its reality as attested by experience, or a priori, by means of reason. But I can think what I please, provided only I do not contradict myself; that is, provided my conception is a possible thought, though I may be unable to answer for the existence of a corresponding object in the sum of possibilities. But something more is required before I can attribute to such a conception objective validity, that is real possibility—the other possibility being merely logical. We are not, however, confined to theoretical sources of cognition for the means of satisfying this additional requirement, but may derive them from practical sources.]

cannot be applied to objects beyond this sphere without converting them into phenomena, and thus rendering the practical extension of pure reason impossible. I must, therefore, abolish knowledge, to make room for belief. The dogmatism of metaphysics, that is, the presumption that it is possible to advance in metaphysics without previous criticism, is the true source of the unbelief (always dogmatic) which militates against morality.

Thus, while it may be no very difficult task to bequeath a legacy to posterity, in the shape of a system of metaphysics constructed in accordance with the Critique of Pure Reason, still the value of such a bequest is not to be depreciated. It will render an important service to reason, by substituting the certainty of scientific method for that random groping after results without the guidance of principles, which has hitherto characterized the pursuit of metaphysical studies. It will render an important service to the inquiring mind of youth, by leading the student to apply his powers to the cultivation of genuine science, instead of wasting them, as at present, on speculations which can never lead to any result, or on the idle attempt to invent new ideas and opinions. But, above all, it will confer an inestimable benefit on morality and religion, by showing that all the objections urged against them may be silenced for ever by the Socratic method, that is to say, by proving the ignorance of the objector. For, as the world has never been, and, no doubt, never will be without a system of metaphysics of one kind or another, it is the highest and weightiest concern of philosophy to render it powerless for harm, by closing up the sources of error.

This important change in the field of the sciences, this loss of its fancied possessions, to which speculative reason must submit, does not prove in any way detrimental to the general interests of humanity. The advantages which the world has derived from the teachings of pure reason are not at all impaired. The loss falls, in its whole extent, on the monopoly of the schools, but does not in the slightest degree touch the interests of mankind. I appeal to the most obstinate dogmatist, whether the proof of the continued existence of the soul after death, derived from the simplicity of its substance;

of the freedom of the will in opposition to the general mechanism of nature, drawn from the subtle but impotent distinction of subjective and objective practical necessity; or of the existence of God, deduced from the conception of an *ens realissimum*—the contingency of the changeable, and the necessity of a prime mover, has ever been able to pass beyond the limits of the schools, to penetrate the public mind, or to exercise the slightest influence on its convictions. It must be admitted that this has not been the case and that, owing to the unfitness of the common understanding for such subtle speculations, it can never be expected to take place. On the contrary, it is plain that the hope of a future life arises from the feeling, which exists in the breast of every man, that the temporal is inadequate to meet and satisfy the demands of his nature. In like manner, it cannot be doubted that the clear exhibition of duties in opposition to all the claims of inclination, gives rise to the consciousness of freedom, and that the glorious order, beauty, and providential care, everywhere displayed in nature, give rise to the belief in a wise and great Author of the Universe. Such is the genesis of these general convictions of mankind, so far as they depend on rational grounds; and this public property not only remains undisturbed, but is even raised to greater importance, by the doctrine that the schools have no right to arrogate to themselves a more profound insight into a matter of general human concernment than that to which the great mass of men, ever held by us in the highest estimation, can without difficulty attain, and that the schools should, therefore, confine themselves to the elaboration of these universally comprehensible and, from a moral point of view, amply satisfactory proofs. The change, therefore, affects only the arrogant pretensions of the schools, which would gladly retain, in their own exclusive possession, the key to the truths which they impart to the public.

*Quod mecum nescit, solus vult scire videri.*

At the same time it does not deprive the speculative philosopher of his just title to be the sole depositor of a science which benefits the public without its knowledge—I mean, the Critique of Pure

Reason. This can never become popular and, indeed, has no occasion to be so; for finespun arguments in favour of useful truths make just as little impression on the public mind as the equally subtle objections brought against these truths. On the other hand, since both inevitably force themselves on every man who rises to the height of speculation, it becomes the manifest duty of the schools to enter upon a thorough investigation of the rights of speculative reason and, thus, to prevent the scandal which metaphysical controversies are sure, sooner or later, to cause even to the masses. It is only by criticism that metaphysicians (and, as such, theologians too) can be saved from these controversies and from the consequent perversion of their doctrines. Criticism alone can strike a blow at the root of materialism, fatalism, atheism, free-thinking, fanaticism, and superstition, which are universally injurious—as well as of idealism and scepticism, which are dangerous to the schools, but can scarcely pass over to the public. If governments think proper to interfere with the affairs of the learned, it would be more consistent with a wise regard for the interests of science, as well as for those of society, to favour a criticism of this kind, by which alone the labours of reason can be established on a firm basis, than to support the ridiculous despotism of the schools, which raise a loud cry of danger to the public over the destruction of cobwebs, of which the public has never taken any notice, and the loss of which, therefore, it can never feel.

This critical science is not opposed to the dogmatic procedure of reason in pure cognition; for pure cognition must always be dogmatic, that is, must rest on strict demonstration from sure principles a priori—but to dogmatism, that is, to the presumption that it is possible to make any progress with a pure cognition, derived from (philosophical) conceptions, according to the principles which reason has long been in the habit of employing—without first inquiring in what way and by what right reason has come into the possession of these principles. Dogmatism is thus the dogmatic procedure of pure reason without previous

criticism of its own powers, and in opposing this procedure, we must not be supposed to lend any countenance to that loquacious shallowness which arrogates to itself the name of popularity, nor yet to scepticism, which makes short work with the whole science of metaphysics. On the contrary, our criticism is the necessary preparation for a thoroughly scientific system of metaphysics which must perform its task entirely a priori, to the complete satisfaction of speculative reason, and must, therefore, be treated, not popularly, but scholastically. In carrying out the plan which the Critique prescribes, that is, in the future system of metaphysics, we must have recourse to the strict method of the celebrated Wolf, the greatest of all dogmatic philosophers. He was the first to point out the necessity of establishing fixed principles, of clearly defining our conceptions, and of subjecting our demonstrations to the most severe scrutiny, instead of rashly jumping at conclusions. The example which he set served to awaken that spirit of profound and thorough investigation which is not yet extinct in Germany. He would have been peculiarly well fitted to give a truly scientific character to metaphysical studies, had it occurred to him to prepare the field by a criticism of the organum, that is, of pure reason itself. That he failed to perceive the necessity of such a procedure must be ascribed to the dogmatic mode of thought which characterized his age, and on this point the philosophers of his time, as well as of all previous times, have nothing to reproach each other with. Those who reject at once the method of Wolf, and of the Critique of Pure Reason, can have no other aim but to shake off the fetters of science, to change labour into sport, certainty into opinion, and philosophy into philodoxy.

In this second edition, I have endeavoured, as far as possible, to remove the difficulties and obscurity which, without fault of mine perhaps, have given rise to many misconceptions even among acute thinkers. In the propositions themselves, and in the demonstrations by which they are supported, as well as in the form and the entire plan of the work, I have found nothing to alter; which must be attributed partly to the long examination to which I had subjected

the whole before offering it to the public and partly to the nature of the case. For pure speculative reason is an organic structure in which there is nothing isolated or independent, but every Single part is essential to all the rest; and hence, the slightest imperfection, whether defect or positive error, could not fail to betray itself in use. I venture, further, to hope, that this system will maintain the same unalterable character for the future. I am led to entertain this confidence, not by vanity, but by the evidence which the equality of the result affords, when we proceed, first, from the simplest elements up to the complete whole of pure reason and, and then, backwards from the whole to each part. We find that the attempt to make the slightest alteration, in any part, leads inevitably to contradictions, not merely in this system, but in human reason itself. At the same time, there is still much room for improvement in the exposition of the doctrines contained in this work. In the present edition, I have endeavoured to remove misapprehensions of the aesthetical part, especially with regard to the conception of time; to clear away the obscurity which has been found in the deduction of the conceptions of the understanding; to supply the supposed want of sufficient evidence in the demonstration of the principles of the pure understanding; and, lastly, to obviate the misunderstanding of the paralogisms which immediately precede the rational psychology. Beyond this point—the end of the second main division of the “Transcendental Dialectic”—I have not extended my alterations,\* partly from want of time, and partly because I am not aware that any portion of the remainder has given rise to misconceptions among intelligent and impartial critics, whom I do not here mention with that praise which is their due, but who will find that their suggestions have been attended to in the work itself.

5

5. [\*Footnote: The only addition, properly so called—and that only in the method of proof—which I have made in

the present edition, consists of a new refutation of psychological idealism, and a strict demonstration—the only one possible, as I believe—of the objective reality of external intuition. However harmless idealism may be considered—although in reality it is not so—in regard to the essential ends of metaphysics, it must still remain a scandal to philosophy and to the general human reason to be obliged to assume, as an article of mere belief, the existence of things external to ourselves (from which, yet, we derive the whole material of cognition for the internal sense), and not to be able to oppose a satisfactory proof to any one who may call it in question. As there is some obscurity of expression in the demonstration as it stands in the text, I propose to alter the passage in question as follows: “But this permanent cannot be an intuition in me. For all the determining grounds of my existence which can be found in me are representations and, as such, do themselves require a permanent, distinct from them, which may determine my existence in relation to their changes, that is, my existence in time, wherein they change.” It may, probably, be urged in opposition to this proof that, after all, I am only conscious immediately of that which is in me, that is, of my representation of external things, and that, consequently, it must always remain uncertain whether anything corresponding to this representation does or does not exist externally to me. But I am conscious, through internal experience, of my existence

in time (consequently, also, of the determinability of the former in the latter), and that is more than the simple consciousness of my representation. It is, in fact, the same as the empirical consciousness of my existence, which can only be determined in relation to something, which, while connected with my existence, is external to me. This consciousness of my existence in time is, therefore, identical with the consciousness of a relation to something external to me, and it is, therefore, experience, not fiction, sense, not imagination, which inseparably connects the external with my internal sense. For the external sense is, in itself, the relation of intuition to something real, external to me; and the reality of this something, as opposed to the mere imagination of it, rests solely on its inseparable connection with internal experience as the condition of its possibility. If with the intellectual consciousness of my existence, in the representation: I am, which accompanies all my judgements, and all the operations of my understanding, I could, at the same time, connect a determination of my existence by intellectual intuition, then the consciousness of a relation to something external to me would not be necessary. But the internal intuition in which alone my existence can be determined, though preceded by that purely intellectual consciousness, is itself sensible and attached to the condition of time. Hence this determination of my existence, and consequently my internal experience

itself, must depend on something permanent which is not in me, which can be, therefore, only in something external to me, to which I must look upon myself as being related. Thus the reality of the external sense is necessarily connected with that of the internal, in order to the possibility of experience in general; that is, I am just as certainly conscious that there are things external to me related to my sense as I am that I myself exist as determined in time. But in order to ascertain to what given intuitions objects, external me, really correspond, in other words, what intuitions belong to the external sense and not to imagination, I must have recourse, in every particular case, to those rules according to which experience in general (even internal experience) is distinguished from imagination, and which are always based on the proposition that there really is an external experience. We may add the remark that the representation of something permanent in existence, is not the same thing as the permanent representation; for a representation may be very variable and changing—as all our representations, even that of matter, are—and yet refer to something permanent, which must, therefore, be distinct from all my representations and external to me, the existence of which is necessarily included in the determination of my own existence, and with it constitutes one experience—an experience which would not even be possible internally, if it were not also at the same time, in part, external. To the question How? we

In attempting to render the exposition of my views as intelligible as possible, I have been compelled to leave out or abridge various passages which were not essential to the completeness of the work, but which many readers might consider useful in other respects, and might be unwilling to miss. This trifling loss, which could not be avoided without swelling the book beyond due limits, may be supplied, at the pleasure of the reader, by a comparison with the first edition, and will, I hope, be more than compensated for by the greater clearness of the exposition as it now stands.

I have observed, with pleasure and thankfulness, in the pages of various reviews and treatises, that the spirit of profound and thorough investigation is not extinct in Germany, though it may have been overborne and silenced for a time by the fashionable tone of a licence in thinking, which gives itself the airs of genius, and that the difficulties which beset the paths of criticism have not prevented energetic and acute thinkers from making themselves masters of the science of pure reason to which these paths conduct—a science which is not popular, but scholastic in its character, and which alone can hope for a lasting existence or possess an abiding value. To these deserving men, who so happily combine profundity of view with a talent for lucid exposition—a talent which I myself am not conscious of possessing—I leave the task of removing any obscurity which may still adhere to the statement of my doctrines. For, in this case, the danger is not that of being refuted, but of being misunderstood. For my own part, I must henceforward abstain from controversy, although I shall carefully attend to all suggestions, whether from friends or adversaries, which may be of use in the future elaboration of the system of this propaedeutic. As, during these labours, I have advanced pretty far in

are no more able to reply, than we are, in general, to think the stationary in time, the coexistence of which with the variable, produces the conception of change.]

years this month I reach my sixty-fourth year—it will be necessary for me to economize time, if I am to carry out my plan of elaborating the metaphysics of nature as well as of morals, in confirmation of the correctness of the principles established in this Critique of Pure Reason, both speculative and practical; and I must, therefore, leave the task of clearing up the obscurities of the present work—inevitable, perhaps, at the outset—as well as, the defence of the whole, to those deserving men, who have made my system their own. A philosophical system cannot come forward armed at all points like a mathematical treatise, and hence it may be quite possible to take objection to particular passages, while the organic structure of the system, considered as a unity, has no danger to apprehend. But few possess the ability, and still fewer the inclination, to take a comprehensive view of a new system. By confining the view to particular passages, taking these out of their connection and comparing them with one another, it is easy to pick out apparent contradictions, especially in a work written with any freedom of style. These contradictions place the work in an unfavourable light in the eyes of those who rely on the judgement of others, but are easily reconciled by those who have mastered the idea of the whole. If a theory possesses stability in itself, the action and reaction which seemed at first to threaten its existence serve only, in the course of time, to smooth down any superficial roughness or inequality, and—if men of insight, impartiality, and truly popular gifts, turn their attention to it—to secure to it, in a short time, the requisite elegance also.

Königsberg, April 1787.

## 32. George Berkeley



Irish clergyman George Berkeley completed his most significant philosophical work before turning thirty, during his years as a student, fellow, and teacher at Trinity College, Dublin. Using material from his collegiate notebooks on philosophy, he developed a series of texts devoted to various aspects of a single central thesis: that matter does not exist. In *AN ESSAY TOWARDS A NEW*

*THEORY OF VISION* (1709), for example, he argued that the phenomena of [visual sensation](#) can all be explained without presupposing the reality of external material substances; the objects we see are merely ideas in our minds and that of god. Berkeley spent most of his mature years in London, travelling briefly to Rhode Island in the vain hope of securing financial support for a college to be established in Bermuda. He was appointed Anglican bishop of Cloyne in 1734. His later writings, which rarely receive philosophical attention, include: criticisms of Newton's calculus and theory of space in *DE MOTU* (1721) and [THE ANALYST](#) (1734); a defence of traditional Christian doctrine in the *ALCIPHRON* (1734); and, in the interminable *SIRIS* (1744), a lengthy disquisition on the presumed benefits to health of "tar-water."



It is the earlier [immaterialist](#) philosophy, in which he employed strictly [empiricist](#) principles in defence of the view that only minds or spirits exist, for which Berkeley is now remembered.

He opened [A TREATISE CONCERNING THE PRINCIPLES OF KNOWLEDGE](#) (1710) rather technically, with an extended attack on [Locke](#)'s theory of [abstract ideas](#). The book continues with arguments designed to show that [sensible qualities](#)—both [secondary and primary](#)—can exist only when perceived, as ideas in our minds. Since physical objects are, on Berkeley's view, nothing more than collections of such qualities, these sensible objects, too, are merely ideas. In what he believed to be his most devastating point, Berkeley argued that it is literally [inconceivable](#) that anything like a material substance could exist independently of the [spirits](#) or active thinking substances that perceive it.



Through the remainder of the PRINCIPLES, Berkeley tried to distinguish his position from that of [Malebranche](#), defended its application to the achievements of modern [science](#), and extolled its beneficial consequences for traditional [religion](#).

The same central doctrine, supported by a very similar train of thought, is expressed in different form in [THREE DIALOGUES BETWEEN HYLAS AND PHILONOUS](#) (1713). Here Berkeley spoke through Philonous (“Mind-lover”), who tries to convince his reluctant friend Hylas (“Woody”) that it is only by rejecting the artificial philosophical concept of material substance that [skepticism](#) can be finally defeated and the truths of common-sense secured.

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**Recommended Reading: Primary sources:**

- THE WORKS OF GEORGE BERKELEY, ed. by A. A. Luce and T. E. Jessop. (London: T. Nelson, 1948–1957)
- George Berkeley, PRINCIPLES OF HUMAN KNOWLEDGE / THREE DIALOGUES BETWEEN HYLAS AND PHILONOUS, ed. by Roger Woolhouse (Penguin, 1988)

**Secondary sources:**

- Kenneth P. Winkler, BERKELEY: AN INTERPRETATION (Clarendon, 1994)
- Geoffrey J. Warnock, BERKELEY (Penguin, 1969)
- Robert Fogelin, ROUTLEDGE PHILOSOPHY GUIDEBOOK TO BERKELEY AND THE PRINCIPLES OF HUMAN KNOWLEDGE (Routledge, 2001)
- Ian C. Tipton, BERKELEY: THE PHILOSOPHY OF IMMATERIALISM (Thoemmes, 1994)
- David Berman, BERKELEY (Routledge, 1999)
- Thomas Duddy, A HISTORY OF IRISH THOUGHT (Routledge, 2002)
- Dan Flage, BERKELEY'S DOCTRINE OF NOTIONS: A RECONSTRUCTION BASED ON HIS THEORY OF MEANING
- BERKELEY: CRITICAL AND INTERPRETIVE ESSAYS, ed. by Colin Murray Turbayne (Minnesota, 1982)
- Douglas M. Jesseph, BERKELEY'S PHILOSOPHY OF MATHEMATICS (Chicago, 1993)
- George J. Stack, BERKELEY'S ANALYSIS OF PERCEPTION (Peter Lang, 1992)
- Margaret Atherton, BERKELEY'S REVOLUTION IN VISION (Cornell, 1990)

**Additional on-line information about Berkeley includes:**

- The full article available at [Encyclopædia Britannica Online](#).
- Lisa Downing's article in [The Stanford Encyclopedia of Philosophy](#).
- The thorough collection of resources at [EpistemeLinks.com](#).
- a thorough article in [The Internet Encyclopedia of Philosophy](#).
- A section on Berkeley from [Alfred Weber's](#) history of philosophy.
- D.R. Wilkins' [survey](#) of on-line materials.
- A discussion of Berkeley's views on mathematics at [Mathematical MacTutor](#)

# 33. George Berkeley: First Dialogue Between Hylas and Philonous

## THE FIRST DIALOGUE

PHILONOUS. Good morrow, Hylas: I did not expect to find you abroad so early.

HYLAS. It is indeed something unusual; but my thoughts were so taken up with a subject I was discoursing of last night, that finding I could not sleep, I resolved to rise and take a turn in the garden.

PHIL. It happened well, to let you see what innocent and agreeable pleasures you lose every morning. Can there be a pleasanter time of the day, or a more delightful season of the year? That purple sky, those wild but sweet notes of birds, the fragrant bloom upon the trees and flowers, the gentle influence of the rising sun, these and a thousand nameless beauties of nature inspire the soul with secret transports; its faculties too being at this time fresh and lively, are fit for those meditations, which the solitude of a garden and tranquillity of the morning naturally dispose us to. But I am afraid I interrupt your thoughts: for you seemed very intent on something.

HYL. It is true, I was, and shall be obliged to you if you will permit me to go on in the same vein; not that I would by any means deprive myself of your company, for my thoughts always flow more easily in conversation with a friend, than when I am alone: but my request is, that you would suffer me to impart my reflexions to you.

PHIL. With all my heart, it is what I should have requested myself if you had not prevented me.

HYL. I was considering the odd fate of those men who have in all ages, through an affectation of being distinguished from the vulgar, or some unaccountable turn of thought, pretended either to believe nothing at all, or to believe the most extravagant things in the world. This however might be borne, if their paradoxes and scepticism did not draw after them some consequences of general disadvantage to mankind. But the mischief lieth here; that when men of less leisure see them who are supposed to have spent their whole time in the pursuits of knowledge professing an entire ignorance of all things, or advancing such notions as are repugnant to plain and commonly received principles, they will be tempted to entertain suspicions concerning the most important truths, which they had hitherto held sacred and unquestionable.

PHIL. I entirely agree with you, as to the ill tendency of the affected doubts of some philosophers, and fantastical conceits of others. I am even so far gone of late in this way of thinking, that I have quitted several of the sublime notions I had got in their schools for vulgar opinions. And I give it you on my word; since this revolt from metaphysical notions to the plain dictates of nature and common sense, I find my understanding strangely enlightened, so that I can now easily comprehend a great many things which before were all mystery and riddle.

HYL. I am glad to find there was nothing in the accounts I heard of you.

PHIL. Pray, what were those?

HYL. You were represented, in last night's conversation, as one who maintained the most extravagant opinion that ever entered into the mind of man, to wit, that there is no such thing as MATERIAL SUBSTANCE in the world.

PHIL. That there is no such thing as what PHILOSOPHERS CALL MATERIAL SUBSTANCE, I am seriously persuaded: but, if I were made to see anything absurd or sceptical in this, I should then have the same reason to renounce this that I imagine I have now to reject the contrary opinion.

HYL. What I can anything be more fantastical, more repugnant

to Common Sense, or a more manifest piece of Scepticism, than to believe there is no such thing as MATTER?

PHIL. Softly, good Hylas. What if it should prove that you, who hold there is, are, by virtue of that opinion, a greater sceptic, and maintain more paradoxes and repugnances to Common Sense, than I who believe no such thing?

HYL. You may as soon persuade me, the part is greater than the whole, as that, in order to avoid absurdity and Scepticism, I should ever be obliged to give up my opinion in this point.

PHIL. Well then, are you content to admit that opinion for true, which upon examination shall appear most agreeable to Common Sense, and remote from Scepticism?

HYL. With all my heart. Since you are for raising disputes about the plainest things in nature, I am content for once to hear what you have to say.

PHIL. Pray, Hylas, what do you mean by a SCEPTIC?

HYL. I mean what all men mean—one that doubts of everything.

PHIL. He then who entertains no doubts concerning some particular point, with regard to that point cannot be thought a sceptic.

HYL. I agree with you.

PHIL. Whether doth doubting consist in embracing the affirmative or negative side of a question?

HYL. In neither; for whoever understands English cannot but know that DOUBTING signifies a suspense between both.

PHIL. He then that denies any point, can no more be said to doubt of it, than he who affirmeth it with the same degree of assurance.

HYL. True.

PHIL. And, consequently, for such his denial is no more to be esteemed a sceptic than the other.

HYL. I acknowledge it.

PHIL. How cometh it to pass then, Hylas, that you pronounce me A SCEPTIC, because I deny what you affirm, to wit, the existence of Matter? Since, for aught you can tell, I am as peremptory in my denial, as you in your affirmation.

HYL. Hold, Philonous, I have been a little out in my definition; but every false step a man makes in discourse is not to be insisted on. I said indeed that a SCEPTIC was one who doubted of everything; but I should have added, or who denies the reality and truth of things.

PHIL. What things? Do you mean the principles and theorems of sciences? But these you know are universal intellectual notions, and consequently independent of Matter. The denial therefore of this doth not imply the denying them.

HYL. I grant it. But are there no other things? What think you of distrusting the senses, of denying the real existence of sensible things, or pretending to know nothing of them. Is not this sufficient to denominate a man a SCEPTIC?

PHIL. Shall we therefore examine which of us it is that denies the reality of sensible things, or professes the greatest ignorance of them; since, if I take you rightly, he is to be esteemed the greatest SCEPTIC?

HYL. That is what I desire.

PHIL. What mean you by Sensible Things?

HYL. Those things which are perceived by the senses. Can you imagine that I mean anything else?

PHIL. Pardon me, Hylas, if I am desirous clearly to apprehend your notions, since this may much shorten our inquiry. Suffer me then to ask you this farther question. Are those things only perceived by the senses which are perceived immediately? Or, may those things properly be said to be SENSIBLE which are perceived mediately, or not without the intervention of others?

HYL. I do not sufficiently understand you.

PHIL. In reading a book, what I immediately perceive are the letters; but mediately, or by means of these, are suggested to my mind the notions of God, virtue, truth, &c. Now, that the letters are truly sensible things, or perceived by sense, there is no doubt: but I would know whether you take the things suggested by them to be so too.

HYL. No, certainly: it were absurd to think GOD or VIRTUE sensible things; though they may be signified and suggested to

the mind by sensible marks, with which they have an arbitrary connexion.

PHIL. It seems then, that by SENSIBLE THINGS you mean those only which can be perceived IMMEDIATELY by sense?

HYL. Right.

PHIL. Doth it not follow from this, that though I see one part of the sky red, and another blue, and that my reason doth thence evidently conclude there must be some cause of that diversity of colours, yet that cause cannot be said to be a sensible thing, or perceived by the sense of seeing?

HYL. It doth.

PHIL. In like manner, though I hear variety of sounds, yet I cannot be said to hear the causes of those sounds?

HYL. You cannot.

PHIL. And when by my touch I perceive a thing to be hot and heavy, I cannot say, with any truth or propriety, that I feel the cause of its heat or weight?

HYL. To prevent any more questions of this kind, I tell you once for all, that by SENSIBLE THINGS I mean those only which are perceived by sense; and that in truth the senses perceive nothing which they do not perceive IMMEDIATELY: for they make no inferences. The deducing therefore of causes or occasions from effects and appearances, which alone are perceived by sense, entirely relates to reason.

PHIL. This point then is agreed between us—That SENSIBLE THINGS ARE THOSE ONLY WHICH ARE IMMEDIATELY PERCEIVED BY SENSE. You will farther inform me, whether we immediately perceive by sight anything beside light, and colours, and figures; or by hearing, anything but sounds; by the palate, anything beside tastes; by the smell, beside odours; or by the touch, more than tangible qualities.

HYL. We do not.

PHIL. It seems, therefore, that if you take away all sensible qualities, there remains nothing sensible?

HYL. I grant it.

PHIL. Sensible things therefore are nothing else but so many sensible qualities, or combinations of sensible qualities?

HYL. Nothing else.

PHIL. HEAT then is a sensible thing?

HYL. Certainly.

PHIL. Doth the REALITY of sensible things consist in being perceived? or, is it something distinct from their being perceived, and that bears no relation to the mind?

HYL. To EXIST is one thing, and to be PERCEIVED is another.

PHIL. I speak with regard to sensible things only. And of these I ask, whether by their real existence you mean a subsistence exterior to the mind, and distinct from their being perceived?

HYL. I mean a real absolute being, distinct from, and without any relation to, their being perceived.

PHIL. Heat therefore, if it be allowed a real being, must exist without the mind?

HYL. It must.

PHIL. Tell me, Hylas, is this real existence equally compatible to all degrees of heat, which we perceive; or is there any reason why we should attribute it to some, and deny it to others? And if there be, pray let me know that reason.

HYL. Whatever degree of heat we perceive by sense, we may be sure the same exists in the object that occasions it.

PHIL. What! the greatest as well as the least?

HYL. I tell you, the reason is plainly the same in respect of both. They are both perceived by sense; nay, the greater degree of heat is more sensibly perceived; and consequently, if there is any difference, we are more certain of its real existence than we can be of the reality of a lesser degree.

PHIL. But is not the most vehement and intense degree of heat a very great pain?

HYL. No one can deny it.

PHIL. And is any unperceiving thing capable of pain or pleasure?

HYL. No, certainly.

PHIL. Is your material substance a senseless being, or a being endowed with sense and perception?

HYL. It is senseless without doubt.

PHIL. It cannot therefore be the subject of pain?

HYL. By no means.

PHIL. Nor consequently of the greatest heat perceived by sense, since you acknowledge this to be no small pain?

HYL. I grant it.

PHIL. What shall we say then of your external object; is it a material Substance, or no?

HYL. It is a material substance with the sensible qualities inhering in it.

PHIL. How then can a great heat exist in it, since you own it cannot in a material substance? I desire you would clear this point.

HYL. Hold, Philonous, I fear I was out in yielding intense heat to be a pain. It should seem rather, that pain is something distinct from heat, and the consequence or effect of it.

PHIL. Upon putting your hand near the fire, do you perceive one simple uniform sensation, or two distinct sensations?

HYL. But one simple sensation.

PHIL. Is not the heat immediately perceived?

HYL. It is.

PHIL. And the pain?

HYL. True.

PHIL. Seeing therefore they are both immediately perceived at the same time, and the fire affects you only with one simple or uncompounded idea, it follows that this same simple idea is both the intense heat immediately perceived, and the pain; and, consequently, that the intense heat immediately perceived is nothing distinct from a particular sort of pain.

HYL. It seems so.

PHIL. Again, try in your thoughts, Hylas, if you can conceive a vehement sensation to be without pain or pleasure.

HYL. I cannot.

PHIL. Or can you frame to yourself an idea of sensible pain or

pleasure in general, abstracted from every particular idea of heat, cold, tastes, smells? &c.

HYL. I do not find that I can.

PHIL. Doth it not therefore follow, that sensible pain is nothing distinct from those sensations or ideas, in an intense degree?

HYL. It is undeniable; and, to speak the truth, I begin to suspect a very great heat cannot exist but in a mind perceiving it.

PHIL. What! are you then in that sceptical state of suspense, between affirming and denying?

HYL. I think I may be positive in the point. A very violent and painful heat cannot exist without the mind.

PHIL. It hath not therefore according to you, any REAL being?

HYL. I own it.

PHIL. Is it therefore certain, that there is no body in nature really hot?

HYL. I have not denied there is any real heat in bodies. I only say, there is no such thing as an intense real heat.

PHIL. But, did you not say before that all degrees of heat were equally real; or, if there was any difference, that the greater were more undoubtedly real than the lesser?

HYL. True: but it was because I did not then consider the ground there is for distinguishing between them, which I now plainly see. And it is this: because intense heat is nothing else but a particular kind of painful sensation; and pain cannot exist but in a perceiving being; it follows that no intense heat can really exist in an unperceiving corporeal substance. But this is no reason why we should deny heat in an inferior degree to exist in such a substance.

PHIL. But how shall we be able to discern those degrees of heat which exist only in the mind from those which exist without it?

HYL. That is no difficult matter. You know the least pain cannot exist unperceived; whatever, therefore, degree of heat is a pain exists only in the mind. But, as for all other degrees of heat, nothing obliges us to think the same of them.

PHIL. I think you granted before that no unperceiving being was capable of pleasure, any more than of pain.

HYL. I did.

PHIL. And is not warmth, or a more gentle degree of heat than what causes uneasiness, a pleasure?

HYL. What then?

PHIL. Consequently, it cannot exist without the mind in an unperceiving substance, or body.

HYL. So it seems.

PHIL. Since, therefore, as well those degrees of heat that are not painful, as those that are, can exist only in a thinking substance; may we not conclude that external bodies are absolutely incapable of any degree of heat whatsoever?

HYL. On second thoughts, I do not think it so evident that warmth is a pleasure as that a great degree of heat is a pain.

PHIL. I do not pretend that warmth is as great a pleasure as heat is a pain. But, if you grant it to be even a small pleasure, it serves to make good my conclusion.

HYL. I could rather call it an INDOLENCE. It seems to be nothing more than a privation of both pain and pleasure. And that such a quality or state as this may agree to an unthinking substance, I hope you will not deny.

PHIL. If you are resolved to maintain that warmth, or a gentle degree of heat, is no pleasure, I know not how to convince you otherwise than by appealing to your own sense. But what think you of cold?

HYL. The same that I do of heat. An intense degree of cold is a pain; for to feel a very great cold, is to perceive a great uneasiness: it cannot therefore exist without the mind; but a lesser degree of cold may, as well as a lesser degree of heat.

PHIL. Those bodies, therefore, upon whose application to our own, we perceive a moderate degree of heat, must be concluded to have a moderate degree of heat or warmth in them; and those, upon whose application we feel a like degree of cold, must be thought to have cold in them.

HYL. They must.

PHIL. Can any doctrine be true that necessarily leads a man into an absurdity?

HYL. Without doubt it cannot.

PHIL. Is it not an absurdity to think that the same thing should be at the same time both cold and warm?

HYL. It is.

PHIL. Suppose now one of your hands hot, and the other cold, and that they are both at once put into the same vessel of water, in an intermediate state; will not the water seem cold to one hand, and warm to the other?

HYL. It will.

PHIL. Ought we not therefore, by your principles, to conclude it is really both cold and warm at the same time, that is, according to your own concession, to believe an absurdity?

HYL. I confess it seems so.

PHIL. Consequently, the principles themselves are false, since you have granted that no true principle leads to an absurdity.

HYL. But, after all, can anything be more absurd than to say, THERE IS NO HEAT IN THE FIRE?

PHIL. To make the point still clearer; tell me whether, in two cases exactly alike, we ought not to make the same judgment?

HYL. We ought.

PHIL. When a pin pricks your finger, doth it not rend and divide the fibres of your flesh?

HYL. It doth.

PHIL. And when a coal burns your finger, doth it any more?

HYL. It doth not.

PHIL. Since, therefore, you neither judge the sensation itself occasioned by the pin, nor anything like it to be in the pin; you should not, conformably to what you have now granted, judge the sensation occasioned by the fire, or anything like it, to be in the fire.

HYL. Well, since it must be so, I am content to yield this point, and acknowledge that heat and cold are only sensations existing in our minds. But there still remain qualities enough to secure the reality of external things.

PHIL. But what will you say, Hylas, if it shall appear that the case is the same with regard to all other sensible qualities, and that they can no more be supposed to exist without the mind, than heat and cold?

HYL. Then indeed you will have done something to the purpose; but that is what I despair of seeing proved.

PHIL. Let us examine them in order. What think you of TASTES, do they exist without the mind, or no?

HYL. Can any man in his senses doubt whether sugar is sweet, or wormwood bitter?

PHIL. Inform me, Hylas. Is a sweet taste a particular kind of pleasure or pleasant sensation, or is it not?

HYL. It is.

PHIL. And is not bitterness some kind of uneasiness or pain?

HYL. I grant it.

PHIL. If therefore sugar and wormwood are unthinking corporeal substances existing without the mind, how can sweetness and bitterness, that is, Pleasure and pain, agree to them?

HYL. Hold, Philonous, I now see what it was delude time. You asked whether heat and cold, sweetness at were not particular sorts of pleasure and pain; to which simply, that they were. Whereas I should have thus distinguished: those qualities, as perceived by us, are pleasures or pain existing in the external objects. We must not therefore conclude absolutely, that there is no heat in the fire, or sweetness in the sugar, but only that heat or sweetness, as perceived by us, are not in the fire or sugar. What say you to this?

PHIL. I say it is nothing to the purpose. Our discourse proceeded altogether concerning sensible things, which you defined to be, THE THINGS WE IMMEDIATELY PERCEIVE BY OUR SENSES. Whatever other qualities, therefore, you speak of as distinct from these, I know nothing of them, neither do they at all belong to the point in dispute. You may, indeed, pretend to have discovered certain qualities which you do not perceive, and assert those insensible qualities exist in fire and sugar. But what use can be made of this to your present purpose, I am at a loss to conceive. Tell me then

once more, do you acknowledge that heat and cold, sweetness and bitterness (meaning those qualities which are perceived by the senses), do not exist without the mind?

HYL. I see it is to no purpose to hold out, so I give up the cause as to those mentioned qualities. Though I profess it sounds oddly, to say that sugar is not sweet.

PHIL. But, for your farther satisfaction, take this along with you: that which at other times seems sweet, shall, to a distempered palate, appear bitter. And, nothing can be plainer than that divers persons perceive different tastes in the same food; since that which one man delights in, another abhors. And how could this be, if the taste was something really inherent in the food?

HYL. I acknowledge I know not how.

PHIL. In the next place, ODOURS are to be considered. And, with regard to these, I would fain know whether what hath been said of tastes doth not exactly agree to them? Are they not so many pleasing or displeasing sensations?

HYL. They are.

PHIL. Can you then conceive it possible that they should exist in an unperceiving thing?

HYL. I cannot.

PHIL. Or, can you imagine that filth and ordure affect those brute animals that feed on them out of choice, with the same smells which we perceive in them?

HYL. By no means.

PHIL. May we not therefore conclude of smells, as of the other forementioned qualities, that they cannot exist in any but a perceiving substance or mind?

HYL. I think so.

PHIL. Then as to SOUNDS, what must we think of them: are they accidents really inherent in external bodies, or not?

HYL. That they inhere not in the sonorous bodies is plain from hence: because a bell struck in the exhausted receiver of an air-pump sends forth no sound. The air, therefore, must be thought the subject of sound.

PHIL. What reason is there for that, Hylas?

HYL. Because, when any motion is raised in the air, we perceive a sound greater or lesser, according to the air's motion; but without some motion in the air, we never hear any sound at all.

PHIL. And granting that we never hear a sound but when some motion is produced in the air, yet I do not see how you can infer from thence, that the sound itself is in the air.

HYL. It is this very motion in the external air that produces in the mind the sensation of SOUND. For, striking on the drum of the ear, it causeth a vibration, which by the auditory nerves being communicated to the brain, the soul is thereupon affected with the sensation called SOUND.

PHIL. What! is sound then a sensation?

HYL. I tell you, as perceived by us, it is a particular sensation in the mind.

PHIL. And can any sensation exist without the mind?

HYL. No, certainly.

PHIL. How then can sound, being a sensation, exist in the air, if by the AIR you mean a senseless substance existing without the mind?

HYL. You must distinguish, Philonous, between sound as it is perceived by us, and as it is in itself; or (which is the same thing) between the sound we immediately perceive, and that which exists without us. The former, indeed, is a particular kind of sensation, but the latter is merely a vibrative or undulatory motion the air.

PHIL. I thought I had already obviated that distinction, by answer I gave when you were applying it in a like case before. But, to say no more of that, are you sure then that sound is really nothing but motion?

HYL. I am.

PHIL. Whatever therefore agrees to real sound, may with truth be attributed to motion?

HYL. It may.

PHIL. It is then good sense to speak of MOTION as of a thing that is LOUD, SWEET, ACUTE, or GRAVE.

HYL. I see you are resolved not to understand me. Is it not evident

those accidents or modes belong only to sensible sound, or SOUND in the common acceptation of the word, but not to sound in the real and philosophic sense; which, as I just now told you, is nothing but a certain motion of the air?

PHIL. It seems then there are two sorts of sound—the one vulgar, or that which is heard, the other philosophical and real?

HYL. Even so.

PHIL. And the latter consists in motion?

HYL. I told you so before.

PHIL. Tell me, Hylas, to which of the senses, think you, the idea of motion belongs? to the hearing?

HYL. No, certainly; but to the sight and touch.

PHIL. It should follow then, that, according to you, real sounds may possibly be SEEN OR FELT, but never HEARD.

HYL. Look you, Philonous, you may, if you please, make a jest of my opinion, but that will not alter the truth of things. I own, indeed, the inferences you draw me into sound something oddly; but common language, you know, is framed by, and for the use of the vulgar: we must not therefore wonder if expressions adapted to exact philosophic notions seem uncouth and out of the way.

PHIL. Is it come to that? I assure you, I imagine myself to have gained no small point, since you make so light of departing from common phrases and opinions; it being a main part of our inquiry, to examine whose notions are widest of the common road, and most repugnant to the general sense of the world. But, can you think it no more than a philosophical paradox, to say that REAL SOUNDS ARE NEVER HEARD, and that the idea of them is obtained by some other sense? And is there nothing in this contrary to nature and the truth of things?

HYL. To deal ingenuously, I do not like it. And, after the concessions already made, I had as well grant that sounds too have no real being without the mind.

PHIL. And I hope you will make no difficulty to acknowledge the same of COLOURS.

HYL. Pardon me: the case of colours is very different. Can anything be plainer than that we see them on the objects?

PHIL. The objects you speak of are, I suppose, corporeal Substances existing without the mind?

HYL. They are.

PHIL. And have true and real colours inhering in them?

HYL. Each visible object hath that colour which we see in it.

PHIL. How! is there anything visible but what we perceive by sight?

HYL. There is not.

PHIL. And, do we perceive anything by sense which we do not perceive immediately?

HYL. How often must I be obliged to repeat the same thing? I tell you, we do not.

PHIL. Have patience, good Hylas; and tell me once more, whether there is anything immediately perceived by the senses, except sensible qualities. I know you asserted there was not; but I would now be informed, whether you still persist in the same opinion.

HYL. I do.

PHIL. Pray, is your corporeal substance either a sensible quality, or made up of sensible qualities?

HYL. What a question that is! who ever thought it was?

PHIL. My reason for asking was, because in saying, EACH VISIBLE OBJECT HATH THAT COLOUR WHICH WE SEE IN IT, you make visible objects to be corporeal substances; which implies either that corporeal substances are sensible qualities, or else that there is something besides sensible qualities perceived by sight: but, as this point was formerly agreed between us, and is still maintained by you, it is a clear consequence, that your CORPOREAL SUBSTANCE is nothing distinct from SENSIBLE QUALITIES.

HYL. You may draw as many absurd consequences as you please, and endeavour to perplex the plainest things; but you shall never persuade me out of my senses. I clearly understand my own meaning.

PHIL. I wish you would make me understand it too. But, since you

are unwilling to have your notion of corporeal substance examined, I shall urge that point no farther. Only be pleased to let me know, whether the same colours which we see exist in external bodies, or some other.

HYL. The very same.

PHIL. What! are then the beautiful red and purple we see on yonder clouds really in them? Or do you imagine they have in themselves any other form than that of a dark mist or vapour?

HYL. I must own, Philonous, those colours are not really in the clouds as they seem to be at this distance. They are only apparent colours.

PHIL. APPARENT call you them? how shall we distinguish these apparent colours from real?

HYL. Very easily. Those are to be thought apparent which, appearing only at a distance, vanish upon a nearer approach.

PHIL. And those, I suppose, are to be thought real which are discovered by the most near and exact survey.

HYL. Right.

PHIL. Is the nearest and exactest survey made by the help of a microscope, or by the naked eye?

HYL. By a microscope, doubtless.

PHIL. But a microscope often discovers colours in an object different from those perceived by the unassisted sight. And, in case we had microscopes magnifying to any assigned degree, it is certain that no object whatsoever, viewed through them, would appear in the same colour which it exhibits to the naked eye.

HYL. And what will you conclude from all this? You cannot argue that there are really and naturally no colours on objects: because by artificial managements they may be altered, or made to vanish.

PHIL. I think it may evidently be concluded from your own concessions, that all the colours we see with our naked eyes are only apparent as those on the clouds, since they vanish upon a more close and accurate inspection which is afforded us by a microscope. Then' as to what you say by way of prevention: I ask you whether

the real and natural state of an object is better discovered by a very sharp and piercing sight, or by one which is less sharp?

HYL. By the former without doubt.

PHIL. Is it not plain from DIOPTRICS that microscopes make the sight more penetrating, and represent objects as they would appear to the eye in case it were naturally endowed with a most exquisite sharpness?

HYL. It is.

PHIL. Consequently the microscopical representation is to be thought that which best sets forth the real nature of the thing, or what it is in itself. The colours, therefore, by it perceived are more genuine and real than those perceived otherwise.

HYL. I confess there is something in what you say.

PHIL. Besides, it is not only possible but manifest, that there actually are animals whose eyes are by nature framed to perceive those things which by reason of their minuteness escape our sight. What think you of those inconceivably small animals perceived by glasses? must we suppose they are all stark blind? Or, in case they see, can it be imagined their sight hath not the same use in preserving their bodies from injuries, which appears in that of all other animals? And if it hath, is it not evident they must see particles less than their own bodies; which will present them with a far different view in each object from that which strikes our senses? Even our own eyes do not always represent objects to us after the same manner. In the jaundice every one knows that all things seem yellow. Is it not therefore highly probable those animals in whose eyes we discern a very different texture from that of ours, and whose bodies abound with different humours, do not see the same colours in every object that we do? From all which, should it not seem to follow that all colours are equally apparent, and that none of those which we perceive are really inherent in any outward object?

HYL. It should.

PHIL. The point will be past all doubt, if you consider that, in case colours were real properties or affections inherent in external bodies, they could admit of no alteration without some change

wrought in the very bodies themselves: but, is it not evident from what hath been said that, upon the use of microscopes, upon a change happening in the burnouts of the eye, or a variation of distance, without any manner of real alteration in the thing itself, the colours of any object are either changed, or totally disappear? Nay, all other circumstances remaining the same, change but the situation of some objects, and they shall present different colours to the eye. The same thing happens upon viewing an object in various degrees of light. And what is more known than that the same bodies appear differently coloured by candle-light from what they do in the open day? Add to these the experiment of a prism which, separating the heterogeneous rays of light, alters the colour of any object, and will cause the whitest to appear of a deep blue or red to the naked eye. And now tell me whether you are still of opinion that every body hath its true real colour inhering in it; and, if you think it hath, I would fain know farther from you, what certain distance and position of the object, what peculiar texture and formation of the eye, what degree or kind of light is necessary for ascertaining that true colour, and distinguishing it from apparent ones.

HYL. I own myself entirely satisfied, that they are all equally apparent, and that there is no such thing as colour really inhering in external bodies, but that it is altogether in the light. And what confirms me in this opinion is, that in proportion to the light colours are still more or less vivid; and if there be no light, then are there no colours perceived. Besides, allowing there are colours on external objects, yet, how is it possible for us to perceive them? For no external body affects the mind, unless it acts first on our organs of sense. But the only action of bodies is motion; and motion cannot be communicated otherwise than by impulse. A distant object therefore cannot act on the eye; nor consequently make itself or its properties perceivable to the soul. Whence it plainly follows that it is immediately some contiguous substance, which, operating on the eye, occasions a perception of colours: and such is light.

PHIL. How is light then a substance?

HYL. . I tell you, Philonous, external light is nothing but a thin

fluid substance, whose minute particles being agitated with a brisk motion, and in various manners reflected from the different surfaces of outward objects to the eyes, communicate different motions to the optic nerves; which, being propagated to the brain, cause therein various impressions; and these are attended with the sensations of red, blue, yellow, &c.

PHIL. It seems then the light doth no more than shake the optic nerves.

HYL. Nothing else.

PHIL. And consequent to each particular motion of the nerves, the mind is affected with a sensation, which is some particular colour.

HYL. Right.

PHIL. And these sensations have no existence without the mind.

HYL. They have not.

PHIL. How then do you affirm that colours are in the light; since by LIGHT you understand a corporeal substance external to the mind?

HYL. Light and colours, as immediately perceived by us, I grant cannot exist without the mind. But in themselves they are only the motions and configurations of certain insensible particles of matter.

PHIL. Colours then, in the vulgar sense, or taken for the immediate objects of sight, cannot agree to any but a perceiving substance.

HYL. That is what I say.

PHIL. Well then, since you give up the point as to those sensible qualities which are alone thought colours by all mankind beside, you may hold what you please with regard to those invisible ones of the philosophers. It is not my business to dispute about THEM; only I would advise you to bethink yourself, whether, considering the inquiry we are upon, it be prudent for you to affirm—THE RED AND BLUE WHICH WE SEE ARE NOT REAL COLOURS, BUT CERTAIN UNKNOWN MOTIONS AND FIGURES WHICH NO MAN EVER DID OR CAN SEE ARE TRULY SO. Are not these shocking notions, and are not they subject to as many ridiculous inferences, as those you were obliged to renounce before in the case of sounds?

HYL. I frankly own, Philonous, that it is in vain to longer. Colours, sounds, tastes, in a word all those termed SECONDARY QUALITIES, have certainly no existence without the mind. But by this acknowledgment I must not be supposed to derogate, the reality of Matter, or external objects; seeing it is no more than several philosophers maintain, who nevertheless are the farthest imaginable from denying Matter. For the clearer understanding of this, you must know sensible qualities are by philosophers divided into PRIMARY and SECONDARY. The former are Extension, Figure, Solidity, Gravity, Motion, and Rest; and these they hold exist really in bodies. The latter are those above enumerated; or, briefly, ALL SENSIBLE QUALITIES BESIDE THE PRIMARY; which they assert are only so many sensations or ideas existing nowhere but in the mind. But all this, I doubt not, you are apprised of. For my part, I have been a long time sensible there was such an opinion current among philosophers, but was never thoroughly convinced of its truth until now.

PHIL. You are still then of opinion that EXTENSION and FIGURES are inherent in external unthinking substances?

HYL. I am.

PHIL. But what if the same arguments which are brought against Secondary Qualities will hold good against these also?

HYL. Why then I shall be obliged to think, they too exist only in the mind.

PHIL. Is it your opinion the very figure and extension which you perceive by sense exist in the outward object or material substance?

HYL. It is.

PHIL. Have all other animals as good grounds to think the same of the figure and extension which they see and feel?

HYL. Without doubt, if they have any thought at all.

PHIL. Answer me, Hylas. Think you the senses were bestowed upon all animals for their preservation and well-being in life? or were they given to men alone for this end?

HYL. I make no question but they have the same use in all other animals.

PHIL. If so, is it not necessary they should be enabled by them to perceive their own limbs, and those bodies which are capable of harming them?

HYL. Certainly.

PHIL. A mite therefore must be supposed to see his own foot, and things equal or even less than it, as bodies of some considerable dimension; though at the same time they appear to you scarce discernible, or at best as so many visible points?

HYL. I cannot deny it.

PHIL. And to creatures less than the mite they will seem yet larger?

HYL. They will.

PHIL. Insomuch that what you can hardly discern will to another extremely minute animal appear as some huge mountain?

HYL. All this I grant.

PHIL. Can one and the same thing be at the same time in itself of different dimensions?

HYL. That were absurd to imagine.

PHIL. But, from what you have laid down it follows that both the extension by you perceived, and that perceived by the mite itself, as likewise all those perceived by lesser animals, are each of them the true extension of the mite's foot; that is to say, by your own principles you are led into an absurdity.

HYL. There seems to be some difficulty in the point.

PHIL. Again, have you not acknowledged that no real inherent property of any object can be changed without some change in the thing itself?

HYL. I have.

PHIL. But, as we approach to or recede from an object, the visible extension varies, being at one distance ten or a hundred times greater than another. Doth it not therefore follow from hence likewise that it is not really inherent in the object?

HYL. I own I am at a loss what to think.

PHIL. Your judgment will soon be determined, if you will venture to think as freely concerning this quality as you have done

concerning the rest. Was it not admitted as a good argument, that neither heat nor cold was in the water, because it seemed warm to one hand and cold to the other?

HYL. It was.

PHIL. Is it not the very same reasoning to conclude, there is no extension or figure in an object, because to one eye it shall seem little, smooth, and round, when at the same time it appears to the other, great, uneven, and regular?

HYL. The very same. But does this latter fact ever happen?

PHIL. You may at any time make the experiment, by looking with one eye bare, and with the other through a microscope.

HYL. I know not how to maintain it; and yet I am loath to give up EXTENSION, I see so many odd consequences following upon such a concession.

PHIL. Odd, say you? After the concessions already made, I hope you will stick at nothing for its oddness. But, on the other hand, should it not seem very odd, if the general reasoning which includes all other sensible qualities did not also include extension? If it be allowed that no idea, nor anything like an idea, can exist in an unperceiving substance, then surely it follows that no figure, or mode of extension, which we can either perceive, or imagine, or have any idea of, can be really inherent in Matter; not to mention the peculiar difficulty there must be in conceiving a material substance, prior to and distinct from extension to be the SUBSTRATUM of extension. Be the sensible quality what it will—figure, or sound, or colour, it seems alike impossible it should subsist in that which doth not perceive it.

HYL. I give up the point for the present, reserving still a right to retract my opinion, in case I shall hereafter discover any false step in my progress to it.

PHIL. That is a right you cannot be denied. Figures and extension being despatched, we proceed next to MOTION. Can a real motion in any external body be at the same time very swift and very slow?

HYL. It cannot.

PHIL. Is not the motion of a body swift in a reciprocal proportion

to the time it takes up in describing any given space? Thus a body that describes a mile in an hour moves three times faster than it would in case it described only a mile in three hours.

HYL. I agree with you.

PHIL. And is not time measured by the succession of ideas in our minds?

HYL. It is.

PHIL. And is it not possible ideas should succeed one another twice as fast in your mind as they do in mine, or in that of some spirit of another kind?

HYL. I own it.

PHIL. Consequently the same body may to another seem to perform its motion over any space in half the time that it doth to you. And the same reasoning will hold as to any other proportion: that is to say, according to your principles (since the motions perceived are both really in the object) it is possible one and the same body shall be really moved the same way at once, both very swift and very slow. How is this consistent either with common sense, or with what you just now granted?

HYL. I have nothing to say to it.

PHIL. Then as for SOLIDITY; either you do not mean any sensible quality by that word, and so it is beside our inquiry: or if you do, it must be either hardness or resistance. But both the one and the other are plainly relative to our senses: it being evident that what seems hard to one animal may appear soft to another, who hath greater force and firmness of limbs. Nor is it less plain that the resistance I feel is not in the body.

HYL. I own the very SENSATION of resistance, which is all you immediately perceive, is not in the body; but the CAUSE of that sensation is.

PHIL. But the causes of our sensations are not things immediately perceived, and therefore are not sensible. This point I thought had been already determined.

HYL. I own it was; but you will pardon me if I seem a little embarrassed: I know not how to quit my old notions.

PHIL. To help you out, do but consider that if EXTENSION be once acknowledged to have no existence without the mind, the same must necessarily be granted of motion, solidity, and gravity; since they all evidently suppose extension. It is therefore superfluous to inquire particularly concerning each of them. In denying extension, you have denied them all to have any real existence.

HYL. I wonder, Philonous, if what you say be true, why those philosophers who deny the Secondary Qualities any real existence should yet attribute it to the Primary. If there is no difference between them, how can this be accounted for?

PHIL. It is not my business to account for every opinion of the philosophers. But, among other reasons which may be assigned for this, it seems probable that pleasure and pain being rather annexed to the former than the latter may be one. Heat and cold, tastes and smells, have something more vividly pleasing or disagreeable than the ideas of extension, figure, and motion affect us with. And, it being too visibly absurd to hold that pain or pleasure can be in an unperceiving substance, men are more easily weaned from believing the external existence of the Secondary than the Primary Qualities. You will be satisfied there is something in this, if you recollect the difference you made between an intense and more moderate degree of heat; allowing the one a real existence, while you denied it to the other. But, after all, there is no rational ground for that distinction; for, surely an indifferent sensation is as truly a SENSATION as one more pleasing or painful; and consequently should not any more than they be supposed to exist in an unthinking subject.

HYL. It is just come into my head, Philonous, that I have somewhere heard of a distinction between absolute and sensible extension. Now, though it be acknowledged that GREAT and SMALL, consisting merely in the relation which other extended beings have to the parts of our own bodies, do not really inhere in the substances themselves; yet nothing obliges us to hold the same with regard to ABSOLUTE EXTENSION, which is something abstracted from GREAT and SMALL, from this or that particular magnitude or figure. So likewise as to motion; SWIFT and SLOW are altogether

relative to the succession of ideas in our own minds. But, it doth not follow, because those modifications of motion exist not without the mind, that therefore absolute motion abstracted from them doth not.

PHIL. Pray what is it that distinguishes one motion, or one part of extension, from another? Is it not something sensible, as some degree of swiftness or slowness, some certain magnitude or figure peculiar to each?

HYL. I think so.

PHIL. These qualities, therefore, stripped of all sensible properties, are without all specific and numerical differences, as the schools call them.

HYL. They are.

PHIL. That is to say, they are extension in general, and motion in general.

HYL. Let it be so.

PHIL. But it is a universally received maxim that EVERYTHING WHICH EXISTS IS PARTICULAR. How then can motion in general, or extension in general, exist in any corporeal substance?

HYL. I will take time to solve your difficulty.

PHIL. But I think the point may be speedily decided. Without doubt you can tell whether you are able to frame this or that idea. Now I am content to put our dispute on this issue. If you can frame in your thoughts a distinct ABSTRACT IDEA of motion or extension, divested of all those sensible modes, as swift and slow, great and small, round and square, and the like, which are acknowledged to exist only in the mind, I will then yield the point you contend for. But if you cannot, it will be unreasonable on your side to insist any longer upon what you have no notion of.

HYL. To confess ingenuously, I cannot.

PHIL. Can you even separate the ideas of extension and motion from the ideas of all those qualities which they who make the distinction term SECONDARY?

HYL. What! is it not an easy matter to consider extension and

motion by themselves, abstracted from all other sensible qualities? Pray how do the mathematicians treat of them?

PHIL. I acknowledge, Hylas, it is not difficult to form general propositions and reasonings about those qualities, without mentioning any other; and, in this sense, to consider or treat of them abstractedly. But, how doth it follow that, because I can pronounce the word MOTION by itself, I can form the idea of it in my mind exclusive of body? or, because theorems may be made of extension and figures, without any mention of GREAT or SMALL, or any other sensible mode or quality, that therefore it is possible such an abstract idea of extension, without any particular size or figure, or sensible quality, should be distinctly formed, and apprehended by the mind? Mathematicians treat of quantity, without regarding what other sensible qualities it is attended with, as being altogether indifferent to their demonstrations. But, when laying aside the words, they contemplate the bare ideas, I believe you will find, they are not the pure abstracted ideas of extension.

HYL. But what say you to PURE INTELLECT? May not abstracted ideas be framed by that faculty?

PHIL. Since I cannot frame abstract ideas at all, it is plain I cannot frame them by the help of PURE INTELLECT; whatsoever faculty you understand by those words. Besides, not to inquire into the nature of pure intellect and its spiritual objects, as VIRTUE, REASON, GOD, or the like, thus much seems manifest—that sensible things are only to be perceived by sense, or represented by the imagination. Figures, therefore, and extension, being originally perceived by sense, do not belong to pure intellect: but, for your farther satisfaction, try if you can frame the idea of any figure, abstracted from all particularities of size, or even from other sensible qualities.

HYL. Let me think a little—I do not find that I can.

PHIL. And can you think it possible that should really exist in nature which implies a repugnancy in its conception?

HYL. By no means.

PHIL. Since therefore it is impossible even for the mind to disunite

the ideas of extension and motion from all other sensible qualities, doth it not follow, that where the one exist there necessarily the other exist likewise?

HYL. It should seem so.

PHIL. Consequently, the very same arguments which you admitted as conclusive against the Secondary Qualities are, without any farther application of force, against the Primary too. Besides, if you will trust your senses, is it not plain all sensible qualities coexist, or to them appear as being in the same place? Do they ever represent a motion, or figure, as being divested of all other visible and tangible qualities?

HYL. You need say no more on this head. I am free to own, if there be no secret error or oversight in our proceedings hitherto, that all sensible qualities are alike to be denied existence without the mind. But, my fear is that I have been too liberal in my former concessions, or overlooked some fallacy or other. In short, I did not take time to think.

PHIL. For that matter, Hylas, you may take what time you please in reviewing the progress of our inquiry. You are at liberty to recover any slips you might have made, or offer whatever you have omitted which makes for your first opinion.

HYL. One great oversight I take to be this—that I did not sufficiently distinguish the OBJECT from the SENSATION. Now, though this latter may not exist without the mind, yet it will not thence follow that the former cannot.

PHIL. What object do you mean? the object of the senses?

HYL. The same.

PHIL. It is then immediately perceived?

HYL. Right.

PHIL. Make me to understand the difference between what is immediately perceived and a sensation.

HYL. The sensation I take to be an act of the mind perceiving; besides which, there is something perceived; and this I call the OBJECT. For example, there is red and yellow on that tulip. But then the act of perceiving those colours is in me only, and not in the tulip.

PHIL. What tulip do you speak of? Is it that which you see?

HYL. The same.

PHIL. And what do you see beside colour, figure, and extension?

HYL. Nothing.

PHIL. What you would say then is that the red and yellow are coexistent with the extension; is it not?

HYL. That is not all; I would say they have a real existence without the mind, in some unthinking substance.

PHIL. That the colours are really in the tulip which I see is manifest. Neither can it be denied that this tulip may exist independent of your mind or mine; but, that any immediate object of the senses,—that is, any idea, or combination of ideas—should exist in an unthinking substance, or exterior to ALL minds, is in itself an evident contradiction. Nor can I imagine how this follows from what you said just now, to wit, that the red and yellow were on the tulip you SAW, since you do not pretend to SEE that unthinking substance.

HYL. You have an artful way, Philonous, of diverting our inquiry from the subject.

PHIL. I see you have no mind to be pressed that way. To return then to your distinction between SENSATION and OBJECT; if I take you right, you distinguish in every perception two things, the one an action of the mind, the other not.

HYL. True.

PHIL. And this action cannot exist in, or belong to, any unthinking thing; but, whatever beside is implied in a perception may?

HYL. That is my meaning.

PHIL. So that if there was a perception without any act of the mind, it were possible such a perception should exist in an unthinking substance?

HYL. I grant it. But it is impossible there should be such a perception.

PHIL. When is the mind said to be active?

HYL. When it produces, puts an end to, or changes, anything.

PHIL. Can the mind produce, discontinue, or change anything, but by an act of the will?

HYL. It cannot.

PHIL. The mind therefore is to be accounted ACTIVE in its perceptions so far forth as VOLITION is included in them?

HYL. It is.

PHIL. In plucking this flower I am active; because I do it by the motion of my hand, which was consequent upon my volition; so likewise in applying it to my nose. But is either of these smelling?

HYL. NO.

PHIL. I act too in drawing the air through my nose; because my breathing so rather than otherwise is the effect of my volition. But neither can this be called SMELLING: for, if it were, I should smell every time I breathed in that manner?

HYL. True.

PHIL. Smelling then is somewhat consequent to all this?

HYL. It is.

PHIL. But I do not find my will concerned any farther. Whatever more there is—as that I perceive such a particular smell, or any smell at all—this is independent of my will, and therein I am altogether passive. Do you find it otherwise with you, Hylas?

HYL. No, the very same.

PHIL. Then, as to seeing, is it not in your power to open your eyes, or keep them shut; to turn them this or that way?

HYL. Without doubt.

PHIL. But, doth it in like manner depend on YOUR will that in looking on this flower you perceive WHITE rather than any other colour? Or, directing your open eyes towards yonder part of the heaven, can you avoid seeing the sun? Or is light or darkness the effect of your volition?

HYL. No, certainly.

PHIL. You are then in these respects altogether passive? HYL. I am.

PHIL. Tell me now, whether SEEING consists in perceiving light and colours, or in opening and turning the eyes?

HYL. Without doubt, in the former.

PHIL. Since therefore you are in the very perception of light and colours altogether passive, what is become of that action you were speaking of as an ingredient in every sensation? And, doth it not follow from your own concessions, that the perception of light and colours, including no action in it, may exist in an unperceiving substance? And is not this a plain contradiction?

HYL. I know not what to think of it.

PHIL. Besides, since you distinguish the ACTIVE and PASSIVE in every perception, you must do it in that of pain. But how is it possible that pain, be it as little active as you please, should exist in an unperceiving substance? In short, do but consider the point, and then confess ingenuously, whether light and colours, tastes, sounds, &c. are not all equally passions or sensations in the soul. You may indeed call them EXTERNAL OBJECTS, and give them in words what subsistence you please. But, examine your own thoughts, and then tell me whether it be not as I say?

HYL. I acknowledge, Philonous, that, upon a fair observation of what passes in my mind, I can discover nothing else but that I am a thinking being, affected with variety of sensations; neither is it possible to conceive how a sensation should exist in an unperceiving substance. But then, on the other hand, when I look on sensible things in a different view, considering them as so many modes and qualities, I find it necessary to suppose a MATERIAL SUBSTRATUM, without which they cannot be conceived to exist.

PHIL. MATERIAL SUBSTRATUM call you it? Pray, by which of your senses came you acquainted with that being?

HYL. It is not itself sensible; its modes and qualities only being perceived by the senses.

PHIL. I presume then it was by reflexion and reason you obtained the idea of it?

HYL. I do not pretend to any proper positive IDEA of it. However, I conclude it exists, because qualities cannot be conceived to exist without a support.

PHIL. It seems then you have only a relative NOTION of it, or

that you conceive it not otherwise than by conceiving the relation it bears to sensible qualities?

HYL. Right.

PHIL. Be pleased therefore to let me know wherein that relation consists.

HYL. Is it not sufficiently expressed in the term SUBSTRATUM, or SUBSTANCE?

PHIL. If so, the word SUBSTRATUM should import that it is spread under the sensible qualities or accidents?

HYL. True.

PHIL. And consequently under extension?

HYL. I own it.

PHIL. It is therefore somewhat in its own nature entirely distinct from extension?

HYL. I tell you, extension is only a mode, and Matter is something that supports modes. And is it not evident the thing supported is different from the thing supporting?

PHIL. So that something distinct from, and exclusive of, extension is supposed to be the SUBSTRATUM of extension?

HYL. Just so.

PHIL. Answer me, Hylas. Can a thing be spread without extension? or is not the idea of extension necessarily included in SPREADING?

HYL. It is.

PHIL. Whatsoever therefore you suppose spread under anything must have in itself an extension distinct from the extension of that thing under which it is spread?

HYL. It must.

PHIL. Consequently, every corporeal substance, being the SUBSTRATUM of extension, must have in itself another extension, by which it is qualified to be a SUBSTRATUM: and so on to infinity. And I ask whether this be not absurd in itself, and repugnant to what you granted just now, to wit, that the SUBSTRATUM was something distinct from and exclusive of extension?

HYL. Aye but, Philonous, you take me wrong. I do not mean that Matter is SPREAD in a gross literal sense under extension. The word

SUBSTRATUM is used only to express in general the same thing with SUBSTANCE.

PHIL. Well then, let us examine the relation implied in the term SUBSTANCE. Is it not that it stands under accidents?

HYL. The very same.

PHIL. But, that one thing may stand under or support another, must it not be extended?

HYL. It must.

PHIL. Is not therefore this supposition liable to the same absurdity with the former?

HYL. You still take things in a strict literal sense. That is not fair, Philonous.

PHIL. I am not for imposing any sense on your words: you are at liberty to explain them as you please. Only, I beseech you, make me understand something by them. You tell me Matter supports or stands under accidents. How! is it as your legs support your body?

HYL. No; that is the literal sense.

PHIL. Pray let me know any sense, literal or not literal, that you understand it in.—How long must I wait for an answer, Hylas?

HYL. I declare I know not what to say. I once thought I understood well enough what was meant by Matter's supporting accidents. But now, the more I think on it the less can I comprehend it: in short I find that I know nothing of it.

PHIL. It seems then you have no idea at all, neither relative nor positive, of Matter; you know neither what it is in itself, nor what relation it bears to accidents?

HYL. I acknowledge it.

PHIL. And yet you asserted that you could not conceive how qualities or accidents should really exist, without conceiving at the same time a material support of them?

HYL. I did.

PHIL. That is to say, when you conceive the real existence of qualities, you do withal conceive Something which you cannot conceive?

HYL. It was wrong, I own. But still I fear there is some fallacy

or other. Pray what think you of this? It is just come into my head that the ground of all our mistake lies in your treating of each quality by itself. Now, I grant that each quality cannot singly subsist without the mind. Colour cannot without extension, neither can figure without some other sensible quality. But, as the several qualities united or blended together form entire sensible things, nothing hinders why such things may not be supposed to exist without the mind.

PHIL. Either, Hylas, you are jesting, or have a very bad memory. Though indeed we went through all the qualities by name one after another, yet my arguments or rather your concessions, nowhere tended to prove that the Secondary Qualities did not subsist each alone by itself; but, that they were not AT ALL without the mind. Indeed, in treating of figure and motion we concluded they could not exist without the mind, because it was impossible even in thought to separate them from all secondary qualities, so as to conceive them existing by themselves. But then this was not the only argument made use of upon that occasion. But (to pass by all that hath been hitherto said, and reckon it for nothing, if you will have it so) I am content to put the whole upon this issue. If you can conceive it possible for any mixture or combination of qualities, or any sensible object whatever, to exist without the mind, then I will grant it actually to be so.

HYL. If it comes to that the point will soon be decided. What more easy than to conceive a tree or house existing by itself, independent of, and unperceived by, any mind whatsoever? I do at this present time conceive them existing after that manner.

PHIL. How say you, Hylas, can you see a thing which is at the same time unseen?

HYL. No, that were a contradiction.

PHIL. Is it not as great a contradiction to talk of CONCEIVING a thing which is UNCONCEIVED?

HYL. It is.

PHIL. The tree or house therefore which you think of is conceived by you?

HYL. How should it be otherwise?

PHIL. And what is conceived is surely in the mind?

HYL. Without question, that which is conceived is in the mind.

PHIL. How then came you to say, you conceived a house or tree existing independent and out of all minds whatsoever?

HYL. That was I own an oversight; but stay, let me consider what led me into it.—It is a pleasant mistake enough. As I was thinking of a tree in a solitary place, where no one was present to see it, methought that was to conceive a tree as existing unperceived or unthought of; not considering that I myself conceived it all the while. But now I plainly see that all I can do is to frame ideas in my own mind. I may indeed conceive in my own thoughts the idea of a tree, or a house, or a mountain, but that is all. And this is far from proving that I can conceive them EXISTING OUT OF THE MINDS OF ALL SPIRITS.

PHIL. You acknowledge then that you cannot possibly conceive how any one corporeal sensible thing should exist otherwise than in the mind?

HYL. I do.

PHIL. And yet you will earnestly contend for the truth of that which you cannot so much as conceive?

HYL. I profess I know not what to think; but still there are some scruples remain with me. Is it not certain I SEE THINGS at a distance? Do we not perceive the stars and moon, for example, to be a great way off? Is not this, I say, manifest to the senses?

PHIL. Do you not in a dream too perceive those or the like objects?

HYL. I do.

PHIL. And have they not then the same appearance of being distant?

HYL. They have.

PHIL. But you do not thence conclude the apparitions in a dream to be without the mind?

HYL. By no means.

PHIL. You ought not therefore to conclude that sensible objects

are without the mind, from their appearance, or manner wherein they are perceived.

HYL. I acknowledge it. But doth not my sense deceive me in those cases?

PHIL. By no means. The idea or thing which you immediately perceive, neither sense nor reason informs you that it actually exists without the mind. By sense you only know that you are affected with such certain sensations of light and colours, &c. And these you will not say are without the mind.

HYL. True: but, beside all that, do you not think the sight suggests something of OUTNESS OR DISTANCE?

PHIL. Upon approaching a distant object, do the visible size and figure change perpetually, or do they appear the same at all distances?

HYL. They are in a continual change.

PHIL. Sight therefore doth not suggest, or any way inform you, that the visible object you immediately perceive exists at a distance, or will be perceived when you advance farther onward; there being a continued series of visible objects succeeding each other during the whole time of your approach.

HYL. It doth not; but still I know, upon seeing an object, what object I shall perceive after having passed over a certain distance: no matter whether it be exactly the same or no: there is still something of distance suggested in the case.

PHIL. Good Hylas, do but reflect a little on the point, and then tell me whether there be any more in it than this: from the ideas you actually perceive by sight, you have by experience learned to collect what other ideas you will (according to the standing order of nature) be affected with, after such a certain succession of time and motion.

HYL. Upon the whole, I take it to be nothing else.

PHIL. Now, is it not plain that if we suppose a man born blind was on a sudden made to see, he could at first have no experience of what may be SUGGESTED by sight?

HYL. It is.

PHIL. He would not then, according to you, have any notion of

distance annexed to the things he saw; but would take them for a new set of sensations, existing only in his mind?

HYL. It is undeniable.

PHIL. But, to make it still more plain: is not DISTANCE a line turned endwise to the eye?

HYL. It is.

PHIL. And can a line so situated be perceived by sight?

HYL. It cannot.

PHIL. Doth it not therefore follow that distance is not properly and immediately perceived by sight?

HYL. It should seem so.

PHIL. Again, is it your opinion that colours are at a distance?

HYL. It must be acknowledged they are only in the mind.

PHIL. But do not colours appear to the eye as coexisting in the same place with extension and figures?

HYL. They do.

PHIL. How can you then conclude from sight that figures exist without, when you acknowledge colours do not; the sensible appearance being the very same with regard to both?

HYL. I know not what to answer.

PHIL. But, allowing that distance was truly and immediately perceived by the mind, yet it would not thence follow it existed out of the mind. For, whatever is immediately perceived is an idea: and can any idea exist out of the mind?

HYL. To suppose that were absurd: but, inform me, Philonous, can we perceive or know nothing beside our ideas?

PHIL. As for the rational deducing of causes from effects, that is beside our inquiry. And, by the senses you can best tell whether you perceive anything which is not immediately perceived. And I ask you, whether the things immediately perceived are other than your own sensations or ideas? You have indeed more than once, in the course of this conversation, declared yourself on those points; but you seem, by this last question, to have departed from what you then thought.

HYL. To speak the truth, Philonous, I think there are two kinds of

objects:—the one perceived immediately, which are likewise called IDEAS; the other are real things or external objects, perceived by the mediation of ideas, which are their images and representations. Now, I own ideas do not exist without the mind; but the latter sort of objects do. I am sorry I did not think of this distinction sooner; it would probably have cut short your discourse.

PHIL. Are those external objects perceived by sense or by some other faculty?

HYL. They are perceived by sense.

PHIL. How! Is there any thing perceived by sense which is not immediately perceived?

HYL. Yes, Philonous, in some sort there is. For example, when I look on a picture or statue of Julius Caesar, I may be said after a manner to perceive him (though not immediately) by my senses.

PHIL. It seems then you will have our ideas, which alone are immediately perceived, to be pictures of external things: and that these also are perceived by sense, inasmuch as they have a conformity or resemblance to our ideas?

HYL. That is my meaning.

PHIL. And, in the same way that Julius Caesar, in himself invisible, is nevertheless perceived by sight; real things, in themselves imperceptible, are perceived by sense.

HYL. In the very same.

PHIL. Tell me, Hylas, when you behold the picture of Julius Caesar, do you see with your eyes any more than some colours and figures, with a certain symmetry and composition of the whole?

HYL. Nothing else.

PHIL. And would not a man who had never known anything of Julius Caesar see as much?

HYL. He would.

PHIL. Consequently he hath his sight, and the use of it, in as perfect a degree as you?

HYL. I agree with you.

PHIL. Whence comes it then that your thoughts are directed to the Roman emperor, and his are not? This cannot proceed from

the sensations or ideas of sense by you then perceived; since you acknowledge you have no advantage over him in that respect. It should seem therefore to proceed from reason and memory: should it not?

HYL. It should.

PHIL. Consequently, it will not follow from that instance that anything is perceived by sense which is not, immediately perceived. Though I grant we may, in one acceptation, be said to perceive sensible things mediately by sense: that is, when, from a frequently perceived connexion, the immediate perception of ideas by one sense SUGGESTS to the mind others, perhaps belonging to another sense, which are wont to be connected with them. For instance, when I hear a coach drive along the streets, immediately I perceive only the sound; but, from the experience I have had that such a sound is connected with a coach, I am said to hear the coach. It is nevertheless evident that, in truth and strictness, nothing can be HEARD BUT SOUND; and the coach is not then properly perceived by sense, but suggested from experience. So likewise when we are said to see a red-hot bar of iron; the solidity and heat of the iron are not the objects of sight, but suggested to the imagination by the colour and figure which are properly perceived by that sense. In short, those things alone are actually and strictly perceived by any sense, which would have been perceived in case that same sense had then been first conferred on us. As for other things, it is plain they are only suggested to the mind by experience, grounded on former perceptions. But, to return to your comparison of Caesar's picture, it is plain, if you keep to that, you must hold the real things, or archetypes of our ideas, are not perceived by sense, but by some internal faculty of the soul, as reason or memory. I would therefore fain know what arguments you can draw from reason for the existence of what you call REAL THINGS OR MATERIAL OBJECTS. Or, whether you remember to have seen them formerly as they are in themselves; or, if you have heard or read of any one that did.

HYL. I see, Philonous, you are disposed to raillery; but that will never convince me.

PHIL. My aim is only to learn from you the way to come at the knowledge of MATERIAL BEINGS. Whatever we perceive is perceived immediately or mediately: by sense, or by reason and reflexion. But, as you have excluded sense, pray shew me what reason you have to believe their existence; or what MEDIUM you can possibly make use of to prove it, either to mine or your own understanding.

HYL. To deal ingenuously, Philonous, now I consider the point, I do not find I can give you any good reason for it. But, thus much seems pretty plain, that it is at least possible such things may really exist. And, as long as there is no absurdity in supposing them, I am resolved to believe as I did, till you bring good reasons to the contrary.

PHIL. What! Is it come to this, that you only BELIEVE the existence of material objects, and that your belief is founded barely on the possibility of its being true? Then you will have me bring reasons against it: though another would think it reasonable the proof should lie on him who holds the affirmative. And, after all, this very point which you are now resolved to maintain, without any reason, is in effect what you have more than once during this discourse seen good reason to give up. But, to pass over all this; if I understand you rightly, you say our ideas do not exist without the mind, but that they are copies, images, or representations, of certain originals that do?

HYL. You take me right.

PHIL. They are then like external things?

HYL. They are.

PHIL. Have those things a stable and permanent nature, independent of our senses; or are they in a perpetual change, upon our producing any motions in our bodies—suspending, exerting, or altering, our faculties or organs of sense?

HYL. Real things, it is plain, have a fixed and real nature, which remains the same notwithstanding any change in our senses, or in the posture and motion of our bodies; which indeed may affect the

ideas in our minds, but it were absurd to think they had the same effect on things existing without the mind.

PHIL. How then is it possible that things perpetually fleeting and variable as our ideas should be copies or images of anything fixed and constant? Or, in other words, since all sensible qualities, as size, figure, colour, &c., that is, our ideas, are continually changing, upon every alteration in the distance, medium, or instruments of sensation; how can any determinate material objects be properly represented or painted forth by several distinct things, each of which is so different from and unlike the rest? Or, if you say it resembles some one only of our ideas, how shall we be able to distinguish the true copy from all the false ones?

HYL. I profess, Philonous, I am at a loss. I know not what to say to this.

PHIL. But neither is this all. Which are material objects in themselves—perceptible or imperceptible?

HYL. Properly and immediately nothing can be perceived but ideas. All material things, therefore, are in themselves insensible, and to be perceived only by our ideas.

PHIL. Ideas then are sensible, and their archetypes or originals insensible?

HYL. Right.

PHIL. But how can that which is sensible be like that which is insensible? Can a real thing, in itself INVISIBLE, be like a COLOUR; or a real thing, which is not AUDIBLE, be like a SOUND? In a word, can anything be like a sensation or idea, but another sensation or idea?

HYL. I must own, I think not.

PHIL. Is it possible there should be any doubt on the point? Do you not perfectly know your own ideas?

HYL. I know them perfectly; since what I do not perceive or know can be no part of my idea.

PHIL. Consider, therefore, and examine them, and then tell me if there be anything in them which can exist without the mind: or if you can conceive anything like them existing without the mind.

HYL. Upon inquiry, I find it is impossible for me to conceive or understand how anything but an idea can be like an idea. And it is most evident that NO IDEA CAN EXIST WITHOUT THE MIND.

PHIL. You are therefore, by your principles, forced to deny the REALITY of sensible things; since you made it to consist in an absolute existence exterior to the mind. That is to say, you are a downright sceptic. So I have gained my point, which was to shew your principles led to Scepticism.

HYL. For the present I am, if not entirely convinced, at least silenced.

PHIL. I would fain know what more you would require in order to a perfect conviction. Have you not had the liberty of explaining yourself all manner of ways? Were any little slips in discourse laid hold and insisted on? Or were you not allowed to retract or reinforce anything you had offered, as best served your purpose? Hath not everything you could say been heard and examined with all the fairness imaginable? In a word have you not in every point been convinced out of your own mouth? And, if you can at present discover any flaw in any of your former concessions, or think of any remaining subterfuge, any new distinction, colour, or comment whatsoever, why do you not produce it?

HYL. A little patience, Philonous. I am at present so amazed to see myself ensnared, and as it were imprisoned in the labyrinths you have drawn me into, that on the sudden it cannot be expected I should find my way out. You must give me time to look about me and recollect myself.

PHIL. Hark; is not this the college bell?

HYL. It rings for prayers.

PHIL. We will go in then, if you please, and meet here again tomorrow morning. In the meantime, you may employ your thoughts on this morning's discourse, and try if you can find any fallacy in it, or invent any new means to extricate yourself.

HYL. Agreed.

# 34. George Berkeley: Second Dialogue Between Hylas and Philonous

## THE SECOND DIALOGUE

HYL. I beg your pardon, Philonous, for not meeting you sooner. All this morning my head was so filled with our late conversation that I had not leisure to think of the time of the day, or indeed of anything else.

PHILONOUS. I am glad you were so intent upon it, in hopes if there were any mistakes in your concessions, or fallacies in my reasonings from them, you will now discover them to me.

HYL. I assure you I have done nothing ever since I saw you but search after mistakes and fallacies, and, with that view, have minutely examined the whole series of yesterday's discourse: but all in vain, for the notions it led me into, upon review, appear still more clear and evident; and, the more I consider them, the more irresistibly do they force my assent.

PHIL. And is not this, think you, a sign that they are genuine, that they proceed from nature, and are conformable to right reason? Truth and beauty are in this alike, that the strictest survey sets them both off to advantage; while the false lustre of error and disguise cannot endure being reviewed, or too nearly inspected.

HYL. I own there is a great deal in what you say. Nor can any one be more entirely satisfied of the truth of those odd consequences, so long as I have in view the reasonings that lead to them. But, when these are out of my thoughts, there seems, on the other hand,

something so satisfactory, so natural and intelligible, in the modern way of explaining things that, I profess, I know not how to reject it.

PHIL. I know not what way you mean.

HYL. I mean the way of accounting for our sensations or ideas.

PHIL. How is that?

HYL. It is supposed the soul makes her residence in some part of the brain, from which the nerves take their rise, and are thence extended to all parts of the body; and that outward objects, by the different impressions they make on the organs of sense, communicate certain vibrative motions to the nerves; and these being filled with spirits propagate them to the brain or seat of the soul, which, according to the various impressions or traces thereby made in the brain, is variously affected with ideas.

PHIL. And call you this an explication of the manner whereby we are affected with ideas?

HYL. Why not, Philonous? Have you anything to object against it?

PHIL. I would first know whether I rightly understand your hypothesis. You make certain traces in the brain to be the causes or occasions of our ideas. Pray tell me whether by the BRAIN you mean any sensible thing.

HYL. What else think you I could mean?

PHIL. Sensible things are all immediately perceivable; and those things which are immediately perceivable are ideas; and these exist only in the mind. Thus much you have, if I mistake not, long since agreed to.

HYL. I do not deny it.

PHIL. The brain therefore you speak of, being a sensible thing, exists only in the mind. Now, I would fain know whether you think it reasonable to suppose that one idea or thing existing in the mind occasions all other ideas. And, if you think so, pray how do you account for the origin of that primary idea or brain itself?

HYL. I do not explain the origin of our ideas by that brain which is perceivable to sense—this being itself only a combination of sensible ideas—but by another which I imagine.

PHIL. But are not things imagined as truly IN THE MIND as things perceived?

HYL. I must confess they are.

PHIL. It comes, therefore, to the same thing; and you have been all this while accounting for ideas by certain motions or impressions of the brain; that is, by some alterations in an idea, whether sensible or imaginable it matters not.

HYL. I begin to suspect my hypothesis.

PHIL. Besides spirits, all that we know or conceive are our own ideas. When, therefore, you say all ideas are occasioned by impressions in the brain, do you conceive this brain or no? If you do, then you talk of ideas imprinted in an idea causing that same idea, which is absurd. If you do not conceive it, you talk unintelligibly, instead of forming a reasonable hypothesis.

HYL. I now clearly see it was a mere dream. There is nothing in it.

PHIL. You need not be much concerned at it; for after all, this way of explaining things, as you called it, could never have satisfied any reasonable man. What connexion is there between a motion in the nerves, and the sensations of sound or colour in the mind? Or how is it possible these should be the effect of that?

HYL. But I could never think it had so little in it as now it seems to have.

PHIL. Well then, are you at length satisfied that no sensible things have a real existence; and that you are in truth an arrant sceptic?

HYL. It is too plain to be denied.

PHIL. Look! are not the fields covered with a delightful verdure? Is there not something in the woods and groves, in the rivers and clear springs, that soothes, that delights, that transports the soul? At the prospect of the wide and deep ocean, or some huge mountain whose top is lost in the clouds, or of an old gloomy forest, are not our minds filled with a pleasing horror? Even in rocks and deserts is there not an agreeable wildness? How sincere a pleasure is it to behold the natural beauties of the earth! To preserve and renew our relish for them, is not the veil of night alternately drawn over her face, and doth she not change her dress with the seasons?

How aptly are the elements disposed! What variety and use in the meanest productions of nature! What delicacy, what beauty, what contrivance, in animal and vegetable bodies I How exquisitely are all things suited, as well to their particular ends, as to constitute opposite parts of the whole I And, while they mutually aid and support, do they not also set off and illustrate each other? Raise now your thoughts from this ball of earth to all those glorious luminaries that adorn the high arch of heaven. The motion and situation of the planets, are they not admirable for use and order? Were those (miscalled ERRATIC) globes once known to stray, in their repeated journeys through the pathless void? Do they not measure areas round the sun ever proportioned to the times? So fixed, so immutable are the laws by which the unseen Author of nature actuates the universe. How vivid and radiant is the lustre of the fixed stars! How magnificent and rich that negligent profusion with which they appear to be scattered throughout the whole azure vault! Yet, if you take the telescope, it brings into your sight a new host of stars that escape the naked eye. Here they seem contiguous and minute, but to a nearer view immense orbs of light at various distances, far sunk in the abyss of space. Now you must call imagination to your aid. The feeble narrow sense cannot descry innumerable worlds revolving round the central fires; and in those worlds the energy of an all-perfect Mind displayed in endless forms. But, neither sense nor imagination are big enough to comprehend the boundless extent, with all its glittering furniture. Though the labouring mind exert and strain each power to its utmost reach, there still stands out ungrasped a surplusage immeasurable. Yet all the vast bodies that compose this mighty frame, how distant and remote soever, are by some secret mechanism, some Divine art and force, linked in a mutual dependence and intercourse with each other; even with this earth, which was almost slipt from my thoughts and lost in the crowd of worlds. Is not the whole system immense, beautiful, glorious beyond expression and beyond thought! What treatment, then, do those philosophers deserve, who would deprive these noble and delightful scenes of all REALITY?

How should those Principles be entertained that lead us to think all the visible beauty of the creation a false imaginary glare? To be plain, can you expect this Scepticism of yours will not be thought extravagantly absurd by all men of sense?

HYL. Other men may think as they please; but for your part you have nothing to reproach me with. My comfort is, you are as much a sceptic as I am.

PHIL. There, Hylas, I must beg leave to differ from you.

HYL. What! Have you all along agreed to the premises, and do you now deny the conclusion, and leave me to maintain those paradoxes by myself which you led me into? This surely is not fair.

PHIL. I deny that I agreed with you in those notions that led to Scepticism. You indeed said the REALITY of sensible things consisted in AN ABSOLUTE EXISTENCE OUT OF THE MINDS OF SPIRITS, or distinct from their being perceived. And pursuant to this notion of reality, YOU are obliged to deny sensible things any real existence: that is, according to your own definition, you profess yourself a sceptic. But I neither said nor thought the reality of sensible things was to be defined after that manner. To me it is evident for the reasons you allow of, that sensible things cannot exist otherwise than in a mind or spirit. Whence I conclude, not that they have no real existence, but that, seeing they depend not on my thought, and have all existence distinct from being perceived by me, THERE MUST BE SOME OTHER MIND WHEREIN THEY EXIST. As sure, therefore, as the sensible world really exists, so sure is there an infinite omnipresent Spirit who contains and supports it.

HYL. What! This is no more than I and all Christians hold; nay, and all others too who believe there is a God, and that He knows and comprehends all things.

PHIL. Aye, but here lies the difference. Men commonly believe that all things are known or perceived by God, because they believe the being of a God; whereas I, on the other side, immediately and necessarily conclude the being of a God, because all sensible things must be perceived by Him.

HYL. But, so long as we all believe the same thing, what matter is it how we come by that belief?

PHIL. But neither do we agree in the same opinion. For philosophers, though they acknowledge all corporeal beings to be perceived by God, yet they attribute to them an absolute subsistence distinct from their being perceived by any mind whatever; which I do not. Besides, is there no difference between saying, THERE IS A GOD, THEREFORE HE PERCEIVES ALL THINGS; and saying, SENSIBLE THINGS DO REALLY EXIST; AND, IF THEY REALLY EXIST, THEY ARE NECESSARILY PERCEIVED BY AN INFINITE MIND: THEREFORE THERE IS AN INFINITE MIND OR GOD? This furnishes you with a direct and immediate demonstration, from a most evident principle, of the BEING OF A GOD. Divines and philosophers had proved beyond all controversy, from the beauty and usefulness of the several parts of the creation, that it was the workmanship of God. But that—setting aside all help of astronomy and natural philosophy, all contemplation of the contrivance, order, and adjustment of things—an infinite Mind should be necessarily inferred from the bare EXISTENCE OF THE SENSIBLE WORLD, is an advantage to them only who have made this easy reflexion: that the sensible world is that which we perceive by our several senses; and that nothing is perceived by the senses beside ideas; and that no idea or archetype of an idea can exist otherwise than in a mind. You may now, without any laborious search into the sciences, without any subtlety of reason, or tedious length of discourse, oppose and baffle the most strenuous advocate for Atheism. Those miserable refuges, whether in an eternal succession of unthinking causes and effects, or in a fortuitous concourse of atoms; those wild imaginations of Vanini, Hobbes, and Spinoza: in a word, the whole system of Atheism, is it not entirely overthrown, by this single reflexion on the repugnancy included in supposing the whole, or any part, even the most rude and shapeless, of the visible world, to exist without a mind? Let any one of those abettors of impiety but look into his own thoughts, and there try if he can conceive how so much as a rock, a desert, a chaos, or

confused jumble of atoms; how anything at all, either sensible or imaginable, can exist independent of a Mind, and he need go no farther to be convinced of his folly. Can anything be fairer than to put a dispute on such an issue, and leave it to a man himself to see if he can conceive, even in thought, what he holds to be true in fact, and from a notional to allow it a real existence?

HYL. It cannot be denied there is something highly serviceable to religion in what you advance. But do you not think it looks very like a notion entertained by some eminent moderns, of SEEING ALL THINGS IN GOD?

PHIL. I would gladly know that opinion: pray explain it to me.

HYL. They conceive that the soul, being immaterial, is incapable of being united with material things, so as to perceive them in themselves; but that she perceives them by her union with the substance of God, which, being spiritual, is therefore purely intelligible, or capable of being the immediate object of a spirit's thought. Besides the Divine essence contains in it perfections correspondent to each created being; and which are, for that reason, proper to exhibit or represent them to the mind.

PHIL. I do not understand how our ideas, which are things altogether passive and inert, can be the essence, or any part (or like any part) of the essence or substance of God, who is an impassive, indivisible, pure, active being. Many more difficulties and objections there are which occur at first view against this hypothesis; but I shall only add that it is liable to all the absurdities of the common hypothesis, in making a created world exist otherwise than in the mind of a Spirit. Besides all which it hath this peculiar to itself; that it makes that material world serve to no purpose. And, if it pass for a good argument against other hypotheses in the sciences, that they suppose Nature, or the Divine wisdom, to make something in vain, or do that by tedious roundabout methods which might have been performed in a much more easy and compendious way, what shall we think of that hypothesis which supposes the whole world made in vain?

HYL. But what say you? Are not you too of opinion that we see all things in God? If I mistake not, what you advance comes near it.

PHIL. Few men think; yet all have opinions. Hence men's opinions are superficial and confused. It is nothing strange that tenets which in themselves are ever so different, should nevertheless be confounded with each other, by those who do not consider them attentively. I shall not therefore be surprised if some men imagine that I run into the enthusiasm of Malebranche; though in truth I am very remote from it. He builds on the most abstract general ideas, which I entirely disclaim. He asserts an absolute external world, which I deny. He maintains that we are deceived by our senses, and know not the real natures or the true forms and figures of extended beings; of all which I hold the direct contrary. So that upon the whole there are no Principles more fundamentally opposite than his and mine. It must be owned that I entirely agree with what the holy Scripture saith, "That in God we live and move and have our being." But that we see things in His essence, after the manner above set forth, I am far from believing. Take here in brief my meaning:—It is evident that the things I perceive are my own ideas, and that no idea can exist unless it be in a mind: nor is it less plain that these ideas or things by me perceived, either themselves or their archetypes, exist independently of my mind, since I know myself not to be their author, it being out of my power to determine at pleasure what particular ideas I shall be affected with upon opening my eyes or ears: they must therefore exist in some other Mind, whose Will it is they should be exhibited to me. The things, I say, immediately perceived are ideas or sensations, call them which you will. But how can any idea or sensation exist in, or be produced by, anything but a mind or spirit? This indeed is inconceivable. And to assert that which is inconceivable is to talk nonsense: is it not?

HYL. Without doubt.

PHIL. But, on the other hand, it is very conceivable that they should exist in and be produced by a spirit; since this is no more than I daily experience in myself, inasmuch as I perceive numberless ideas; and, by an act of my will, can form a great variety of them,

and raise them up in my imagination: though, it must be confessed, these creatures of the fancy are not altogether so distinct, so strong, vivid, and permanent, as those perceived by my senses—which latter are called RED THINGS. From all which I conclude, THERE IS A MIND WHICH AFFECTS ME EVERY MOMENT WITH ALL THE SENSIBLE IMPRESSIONS I PERCEIVE. AND, from the variety, order, and manner of these, I conclude THE AUTHOR OF THEM TO BE WISE, POWERFUL, AND GOOD, BEYOND COMPREHENSION. MARK it well; I do not say, I see things by perceiving that which represents them in the intelligible Substance of God. This I do not understand; but I say, the things by me perceived are known by the understanding, and produced by the will of an infinite Spirit. And is not all this most plain and evident? Is there any more in it than what a little observation in our own minds, and that which passeth in them, not only enables us to conceive, but also obliges us to acknowledge.

HYL. I think I understand you very clearly; and own the proof you give of a Deity seems no less evident than it is surprising. But, allowing that God is the supreme and universal Cause of all things, yet, may there not be still a Third Nature besides Spirits and Ideas? May we not admit a subordinate and limited cause of our ideas? In a word, may there not for all that be MATTER?

PHIL. How often must I inculcate the same thing? You allow the things immediately perceived by sense to exist nowhere without the mind; but there is nothing perceived by sense which is not perceived immediately: therefore there is nothing sensible that exists without the mind. The Matter, therefore, which you still insist on is something intelligible, I suppose; something that may be discovered by reason, and not by sense.

HYL. You are in the right.

PHIL. Pray let me know what reasoning your belief of Matter is grounded on; and what this Matter is, in your present sense of it.

HYL. I find myself affected with various ideas, whereof I know I am not the cause; neither are they the cause of themselves, or of one another, or capable of subsisting by themselves, as being

altogether inactive, fleeting, dependent beings. They have therefore SOME cause distinct from me and them: of which I pretend to know no more than that it is THE CAUSE OF MY IDEAS. And this thing, whatever it be, I call Matter.

PHIL. Tell me, Hylas, hath every one a liberty to change the current proper signification attached to a common name in any language? For example, suppose a traveller should tell you that in a certain country men pass unhurt through the fire; and, upon explaining himself, you found he meant by the word fire that which others call WATER. Or, if he should assert that there are trees that walk upon two legs, meaning men by the term TREES. Would you think this reasonable?

HYL. No; I should think it very absurd. Common custom is the standard of propriety in language. And for any man to affect speaking improperly is to pervert the use of speech, and can never serve to a better purpose than to protract and multiply disputes, where there is no difference in opinion.

PHIL. And doth not MATTER, in the common current acceptation of the word, signify an extended, solid, moveable, unthinking, inactive Substance?

HYL. It doth.

PHIL. And, hath it not been made evident that no SUCH substance can possibly exist? And, though it should be allowed to exist, yet how can that which is INACTIVE be a CAUSE; or that which is UNTHINKING be a CAUSE OF THOUGHT? You may, indeed, if you please, annex to the word MATTER a contrary meaning to what is vulgarly received; and tell me you understand by it, an unextended, thinking, active being, which is the cause of our ideas. But what else is this than to play with words, and run into that very fault you just now condemned with so much reason? I do by no means find fault with your reasoning, in that you collect a cause from the PHENOMENA: BUT I deny that THE cause deducible by reason can properly be termed Matter.

HYL. There is indeed something in what you say. But I am afraid you do not thoroughly comprehend my meaning. I would by no

means be thought to deny that God, or an infinite Spirit, is the Supreme Cause of all things. All I contend for is, that, subordinate to the Supreme Agent, there is a cause of a limited and inferior nature, which CONCURS in the production of our ideas, not by any act of will, or spiritual efficiency, but by that kind of action which belongs to Matter, viz. MOTION.

PHIL. I find you are at every turn relapsing into your old exploded conceit, of a moveable, and consequently an extended, substance, existing without the mind. What! Have you already forgotten you were convinced; or are you willing I should repeat what has been said on that head? In truth this is not fair dealing in you, still to suppose the being of that which you have so often acknowledged to have no being. But, not to insist farther on what has been so largely handled, I ask whether all your ideas are not perfectly passive and inert, including nothing of action in them.

HYL. They are.

PHIL. And are sensible qualities anything else but ideas?

HYL. How often have I acknowledged that they are not.

PHIL. But is not MOTION a sensible quality?

HYL. It is.

PHIL. Consequently it is no action?

HYL. I agree with you. And indeed it is very plain that when I stir my finger, it remains passive; but my will which produced the motion is active.

PHIL. Now, I desire to know, in the first place, whether, motion being allowed to be no action, you can conceive any action besides volition: and, in the second place, whether to say something and conceive nothing be not to talk nonsense: and, lastly, whether, having considered the premises, you do not perceive that to suppose any efficient or active Cause of our ideas, other than SPIRIT, is highly absurd and unreasonable?

HYL. I give up the point entirely. But, though Matter may not be a cause, yet what hinders its being an INSTRUMENT, subservient to the supreme Agent in the production of our ideas?

PHIL. An instrument say you; pray what may be the figure, springs, wheels, and motions, of that instrument?

HYL. Those I pretend to determine nothing of, both the substance and its qualities being entirely unknown to me.

PHIL. What? You are then of opinion it is made up of unknown parts, that it hath unknown motions, and an unknown shape?

HYL. I do not believe that it hath any figure or motion at all, being already convinced, that no sensible qualities can exist in an unperceiving substance.

PHIL. But what notion is it possible to frame of an instrument void of all sensible qualities, even extension itself?

HYL. I do not pretend to have any notion of it.

PHIL. And what reason have you to think this unknown, this inconceivable Somewhat doth exist? Is it that you imagine God cannot act as well without it; or that you find by experience the use of some such thing, when you form ideas in your own mind?

HYL. You are always teasing me for reasons of my belief. Pray what reasons have you not to believe it?

PHIL. It is to me a sufficient reason not to believe the existence of anything, if I see no reason for believing it. But, not to insist on reasons for believing, you will not so much as let me know WHAT IT IS you would have me believe; since you say you have no manner of notion of it. After all, let me entreat you to consider whether it be like a philosopher, or even like a man of common sense, to pretend to believe you know not what and you know not why.

HYL. Hold, Philonous. When I tell you Matter is an INSTRUMENT, I do not mean altogether nothing. It is true I know not the particular kind of instrument; but, however, I have some notion of INSTRUMENT IN GENERAL, which I apply to it.

PHIL. But what if it should prove that there is something, even in the most general notion of INSTRUMENT, as taken in a distinct sense from CAUSE, which makes the use of it inconsistent with the Divine attributes?

HYL. Make that appear and I shall give up the point.

PHIL. What mean you by the general nature or notion of INSTRUMENT?

HYL. That which is common to all particular instruments composeth the general notion.

PHIL. Is it not common to all instruments, that they are applied to the doing those things only which cannot be performed by the mere act of our wills? Thus, for instance, I never use an instrument to move my finger, because it is done by a volition. But I should use one if I were to remove part of a rock, or tear up a tree by the roots. Are you of the same mind? Or, can you shew any example where an instrument is made use of in producing an effect IMMEDIATELY depending on the will of the agent?

HYL. I own I cannot.

PHIL. How therefore can you suppose that an All-perfect Spirit, on whose Will all things have an absolute and immediate dependence, should need an instrument in his operations, or, not needing it, make use of it? Thus it seems to me that you are obliged to own the use of a lifeless inactive instrument to be incompatible with the infinite perfection of God; that is, by your own confession, to give up the point.

HYL. It doth not readily occur what I can answer you.

PHIL. But, methinks you should be ready to own the truth, when it has been fairly proved to you. We indeed, who are beings of finite powers, are forced to make use of instruments. And the use of an instrument sheweth the agent to be limited by rules of another's prescription, and that he cannot obtain his end but in such a way, and by such conditions. Whence it seems a clear consequence, that the supreme unlimited agent useth no tool or instrument at all. The will of an Omnipotent Spirit is no sooner exerted than executed, without the application of means; which, if they are employed by inferior agents, it is not upon account of any real efficacy that is in them, or necessary aptitude to produce any effect, but merely in compliance with the laws of nature, or those conditions prescribed to them by the First Cause, who is Himself above all limitation or prescription whatsoever.

HYL. I will no longer maintain that Matter is an instrument. However, I would not be understood to give up its existence neither; since, notwithstanding what hath been said, it may still be an OCCASION.

PHIL. How many shapes is your Matter to take? Or, how often must it be proved not to exist, before you are content to part with it? But, to say no more of this (though by all the laws of disputation I may justly blame you for so frequently changing the signification of the principal term)—I would fain know what you mean by affirming that matter is an occasion, having already denied it to be a cause. And, when you have shewn in what sense you understand OCCASION, pray, in the next place, be pleased to shew me what reason induceth you to believe there is such an occasion of our ideas?

HYL. As to the first point: by OCCASION I mean an inactive unthinking being, at the presence whereof God excites ideas in our minds.

PHIL. And what may be the nature of that inactive unthinking being?

HYL. I know nothing of its nature.

PHIL. Proceed then to the second point, and assign some reason why we should allow an existence to this inactive, unthinking, unknown thing.

HYL. When we see ideas produced in our minds, after an orderly and constant manner, it is natural to think they have some fixed and regular occasions, at the presence of which they are excited.

PHIL. You acknowledge then God alone to be the cause of our ideas, and that He causes them at the presence of those occasions.

HYL. That is my opinion.

PHIL. Those things which you say are present to God, without doubt He perceives.

HYL. Certainly; otherwise they could not be to Him an occasion of acting.

PHIL. Not to insist now on your making sense of this hypothesis, or answering all the puzzling questions and difficulties it is liable

to: I only ask whether the order and regularity observable in the series of our ideas, or the course of nature, be not sufficiently accounted for by the wisdom and power of God; and whether it doth not derogate from those attributes, to suppose He is influenced, directed, or put in mind, when and what He is to act, by an unthinking substance? And, lastly, whether, in case I granted all you contend for, it would make anything to your purpose; it not being easy to conceive how the external or absolute existence of an unthinking substance, distinct from its being perceived, can be inferred from my allowing that there are certain things perceived by the mind of God, which are to Him the occasion of producing ideas in us?

HYL. I am perfectly at a loss what to think, this notion of OCCASION seeming now altogether as groundless as the rest.

PHIL. Do you not at length perceive that in all these different acceptations of MATTER, you have been only supposing you know not what, for no manner of reason, and to no kind of use?

HYL. I freely own myself less fond of my notions since they have been so accurately examined. But still, methinks, I have some confused perception that there is such a thing as MATTER.

PHIL. Either you perceive the being of Matter immediately or mediately. If immediately, pray inform me by which of the senses you perceive it. If mediately, let me know by what reasoning it is inferred from those things which you perceive immediately. So much for the perception. Then for the Matter itself, I ask whether it is object, SUBSTRATUM, cause, instrument, or occasion? You have already pleaded for each of these, shifting your notions, and making Matter to appear sometimes in one shape, then in another. And what you have offered hath been disapproved and rejected by yourself. If you have anything new to advance I would gladly bear it.

HYL. I think I have already offered all I had to say on those heads. I am at a loss what more to urge.

PHIL. And yet you are loath to part with your old prejudice. But, to make you quit it more easily, I desire that, beside what has been hitherto suggested, you will farther consider whether, upon

supposition that Matter exists, you can possibly conceive how you should be affected by it. Or, supposing it did not exist, whether it be not evident you might for all that be affected with the same ideas you now are, and consequently have the very same reasons to believe its existence that you now can have.

HYL. I acknowledge it is possible we might perceive all things just as we do now, though there was no Matter in the world; neither can I conceive, if there be Matter, how it should produce' any idea in our minds. And, I do farther grant you have entirely satisfied me that it is impossible there should be such a thing as matter in any of the foregoing acceptations. But still I cannot help supposing that there is MATTER in some sense or other. WHAT THAT IS I do not indeed pretend to determine.

PHIL. I do not expect you should define exactly the nature of that unknown being. Only be pleased to tell me whether it is a Substance; and if so, whether you can suppose a Substance without accidents; or, in case you suppose it to have accidents or qualities, I desire you will let me know what those qualities are, at least what is meant by Matter's supporting them?

HYL. We have already argued on those points. I have no more to say to them. But, to prevent any farther questions, let me tell you I at present understand by MATTER neither substance nor accident, thinking nor extended being, neither cause, instrument, nor occasion, but Something entirely unknown, distinct from all these.

PHIL. It seems then you include in your present notion of Matter nothing but the general abstract idea of ENTITY.

HYL. Nothing else; save only that I super-add to this general idea the negation of all those particular things, qualities, or ideas, that I perceive, imagine, or in anywise apprehend.

PHIL. Pray where do you suppose this unknown Matter to exist?

HYL. Oh Philonous! now you think you have entangled me; for, if I say it exists in place, then you will infer that it exists in the mind, since it is agreed that place or extension exists only in the mind. But I am not ashamed to own my ignorance. I know not where it exists;

only I am sure it exists not in place. There is a negative answer for you. And you must expect no other to all the questions you put for the future about Matter.

PHIL. Since you will not tell me where it exists, be pleased to inform me after what manner you suppose it to exist, or what you mean by its EXISTENCE?

HYL. It neither thinks nor acts, neither perceives nor is perceived.

PHIL. But what is there positive in your abstracted notion of its existence?

HYL. Upon a nice observation, I do not find I have any positive notion or meaning at all. I tell you again, I am not ashamed to own my ignorance. I know not what is meant by its EXISTENCE, or how it exists.

PHIL. Continue, good Hylas, to act the same ingenuous part, and tell me sincerely whether you can frame a distinct idea of Entity in general, prescinded from and exclusive of all thinking and corporeal beings, all particular things whatsoever.

HYL. Hold, let me think a little—I profess, Philonous, I do not find that I can. At first glance, methought I had some dilute and airy notion of Pure Entity in abstract; but, upon closer attention, it hath quite vanished out of sight. The more I think on it, the more am I confirmed in my prudent resolution of giving none but negative answers, and not pretending to the least degree of any positive knowledge or conception of Matter, its WHERE, its HOW, its ENTITY, or anything belonging to it.

PHIL. When, therefore, you speak of the existence of Matter, you have not any notion in your mind?

HYL. None at all.

PHIL. Pray tell me if the case stands not thus—At first, from a belief of material substance, you would have it that the immediate objects existed without the mind; then that they are archetypes; then causes; next instruments; then occasions: lastly SOMETHING IN GENERAL, which being interpreted proves NOTHING. So Matter comes to nothing. What think you, Hylas, is not this a fair summary of your whole proceeding?

HYL. Be that as it will, yet I still insist upon it, that our not being able to conceive a thing is no argument against its existence.

PHIL. That from a cause, effect, operation, sign, or other circumstance, there may reasonably be inferred the existence of a thing not immediately perceived; and that it were absurd for any man to argue against the existence of that thing, from his having no direct and positive notion of it, I freely own. But, where there is nothing of all this; where neither reason nor revelation induces us to believe the existence of a thing; where we have not even a relative notion of it; where an abstraction is made from perceiving and being perceived, from Spirit and idea: lastly, where there is not so much as the most inadequate or faint idea pretended to—I will not indeed thence conclude against the reality of any notion, or existence of anything; but my inference shall be, that you mean nothing at all; that you employ words to no manner of purpose, without any design or signification whatsoever. And I leave it to you to consider how mere jargon should be treated.

HYL. To deal frankly with you, Philonous, your arguments seem in themselves unanswerable; but they have not so great an effect on me as to produce that entire conviction, that hearty acquiescence, which attends demonstration. I find myself relapsing into an obscure surmise of I know not what, MATTER.

PHIL. But, are you not sensible, Hylas, that two things must concur to take away all scruple, and work a plenary assent in the mind? Let a visible object be set in never so clear a light, yet, if there is any imperfection in the sight, or if the eye is not directed towards it, it will not be distinctly seen. And though a demonstration be never so well grounded and fairly proposed, yet, if there is withal a stain of prejudice, or a wrong bias on the understanding, can it be expected on a sudden to perceive clearly, and adhere firmly to the truth? No; there is need of time and pains: the attention must be awakened and detained by a frequent repetition of the same thing placed oft in the same, oft in different lights. I have said it already, and find I must still repeat and inculcate, that it is an unaccountable licence you take, in pretending to maintain you know not what, for

you know not what reason, to you know not what purpose. Can this be paralleled in any art or science, any sect or profession of men? Or is there anything so barefacedly groundless and unreasonable to be met with even in the lowest of common conversation? But, perhaps you will still say, Matter may exist; though at the same time you neither know WHAT IS MEANT by MATTER, or by its EXISTENCE. This indeed is surprising, and the more so because it is altogether voluntary and of your own head, you not being led to it by any one reason; for I challenge you to shew me that thing in nature which needs Matter to explain or account for it.

HYL. THE REALITY of things cannot be maintained without supposing the existence of Matter. And is not this, think you, a good reason why I should be earnest in its defence?

PHIL. The reality of things! What things? sensible or intelligible?

HYL. Sensible things.

PHIL. My glove for example?

HYL. That, or any other thing perceived by the senses.

PHIL. But to fix on some particular thing. Is it not a sufficient evidence to me of the existence of this GLOVE, that I see it, and feel it, and wear it? Or, if this will not do, how is it possible I should be assured of the reality of this thing, which I actually see in this place, by supposing that some unknown thing, which I never did or can see, exists after an unknown manner, in an unknown place, or in no place at all? How can the supposed reality of that which is intangible be a proof that anything tangible really exists? Or, of that which is invisible, that any visible thing, or, in general of anything which is imperceptible, that a perceptible exists? Do but explain this and I shall think nothing too hard for you.

HYL. Upon the whole, I am content to own the existence of matter is highly improbable; but the direct and absolute impossibility of it does not appear to me.

PHIL. But granting Matter to be possible, yet, upon that account merely, it can have no more claim to existence than a golden mountain, or a centaur.

HYL. I acknowledge it; but still you do not deny it is possible; and that which is possible, for aught you know, may actually exist.

PHIL. I deny it to be possible; and have, if I mistake not, evidently proved, from your own concessions, that it is not. In the common sense of the word MATTER, is there any more implied than an extended, solid, figured, moveable substance, existing without the mind? And have not you acknowledged, over and over, that you have seen evident reason for denying the possibility of such a substance?

HYL. True, but that is only one sense of the term MATTER.

PHIL. But is it not the only proper genuine received sense? And, if Matter, in such a sense, be proved impossible, may it not be thought with good grounds absolutely impossible? Else how could anything be proved impossible? Or, indeed, how could there be any proof at all one way or other, to a man who takes the liberty to unsettle and change the common signification of words?

HYL. I thought philosophers might be allowed to speak more accurately than the vulgar, and were not always confined to the common acceptance of a term.

PHIL. But this now mentioned is the common received sense among philosophers themselves. But, not to insist on that, have you not been allowed to take Matter in what sense you pleased? And have you not used this privilege in the utmost extent; sometimes entirely changing, at others leaving out, or putting into the definition of it whatever, for the present, best served your design, contrary to all the known rules of reason and logic? And hath not this shifting, unfair method of yours spun out our dispute to an unnecessary length; Matter having been particularly examined, and by your own confession refuted in each of those senses? And can any more be required to prove the absolute impossibility of a thing, than the proving it impossible in every particular sense that either you or any one else understands it in?

HYL. But I am not so thoroughly satisfied that you have proved the impossibility of Matter, in the last most obscure abstracted and indefinite sense.

PHIL. . When is a thing shewn to be impossible?

HYL. When a repugnancy is demonstrated between the ideas comprehended in its definition.

PHIL. But where there are no ideas, there no repugnancy can be demonstrated between ideas?

HYL. I agree with you.

PHIL. Now, in that which you call the obscure indefinite sense of the word MATTER, it is plain, by your own confession, there was included no idea at all, no sense except an unknown sense; which is the same thing as none. You are not, therefore, to expect I should prove a repugnancy between ideas, where there are no ideas; or the impossibility of Matter taken in an UNKNOWN sense, that is, no sense at all. My business was only to shew you meant NOTHING; and this you were brought to own. So that, in all your various senses, you have been shewed either to mean nothing at all, or, if anything, an absurdity. And if this be not sufficient to prove the impossibility of a thing, I desire you will let me know what is.

HYL. I acknowledge you have proved that Matter is impossible; nor do I see what more can be said in defence of it. But, at the same time that I give up this, I suspect all my other notions. For surely none could be more seemingly evident than this once was: and yet it now seems as false and absurd as ever it did true before. But I think we have discussed the point sufficiently for the present. The remaining part of the day I would willingly spend in running over in my thoughts the several heads of this morning's conversation, and tomorrow shall be glad to meet you here again about the same time.

PHIL. I will not fail to attend you.

# 35. George Berkeley: Third Dialogue Between Hylas and Philonous

## THE THIRD DIALOGUE

PHILONOUS. Tell me, Hylas, what are the fruits of yesterday's meditation? Has it confirmed you in the same mind you were in at parting? or have you since seen cause to change your opinion?

HYLAS. Truly my opinion is that all our opinions are alike vain and uncertain. What we approve to-day, we condemn to-morrow. We keep a stir about knowledge, and spend our lives in the pursuit of it, when, alas I we know nothing all the while: nor do I think it possible for us ever to know anything in this life. Our faculties are too narrow and too few. Nature certainly never intended us for speculation.

PHIL. What! Say you we can know nothing, Hylas?

HYL. There is not that single thing in the world whereof we can know the real nature, or what it is in itself.

PHIL. Will you tell me I do not really know what fire or water is?

HYL. You may indeed know that fire appears hot, and water fluid; but this is no more than knowing what sensations are produced in your own mind, upon the application of fire and water to your organs of sense. Their internal constitution, their true and real nature, you are utterly in the dark as to THAT.

PHIL. Do I not know this to be a real stone that I stand on, and that which I see before my eyes to be a real tree?

HYL. KNOW? No, it is impossible you or any man alive should know it. All you know is, that you have such a certain idea or appearance in your own mind. But what is this to the real tree

or stone? I tell you that colour, figure, and hardness, which you perceive, are not the real natures of those things, or in the least like them. The same may be said of all other real things, or corporeal substances, which compose the world. They have none of them anything of themselves, like those sensible qualities by us perceived. We should not therefore pretend to affirm or know anything of them, as they are in their own nature.

PHIL. But surely, Hylas, I can distinguish gold, for example, from iron: and how could this be, if I knew not what either truly was?

HYL. Believe me, Philonous, you can only distinguish between your own ideas. That yellowness, that weight, and other sensible qualities, think you they are really in the gold? They are only relative to the senses, and have no absolute existence in nature. And in pretending to distinguish the species of real things, by the appearances in your mind, you may perhaps act as wisely as he that should conclude two men were of a different species, because their clothes were not of the same colour.

PHIL. It seems, then, we are altogether put off with the appearances of things, and those false ones too. The very meat I eat, and the cloth I wear, have nothing in them like what I see and feel.

HYL. Even so.

PHIL. But is it not strange the whole world should be thus imposed on, and so foolish as to believe their senses? And yet I know not how it is, but men eat, and drink, and sleep, and perform all the offices of life, as comfortably and conveniently as if they really knew the things they are conversant about.

HYL. They do so: but you know ordinary practice does not require a nicety of speculative knowledge. Hence the vulgar retain their mistakes, and for all that make a shift to bustle through the affairs of life. But philosophers know better things.

PHIL. You mean, they KNOW that they KNOW NOTHING.

HYL. That is the very top and perfection of human knowledge.

PHIL. But are you all this while in earnest, Hylas; and are you seriously persuaded that you know nothing real in the world?

Suppose you are going to write, would you not call for pen, ink, and paper, like another man; and do you not know what it is you call for?

HYL. How often must I tell you, that I know not the real nature of any one thing in the universe? I may indeed upon occasion make use of pen, ink, and paper. But what any one of them is in its own true nature, I declare positively I know not. And the same is true with regard to every other corporeal thing. And, what is more, we are not only ignorant of the true and real nature of things, but even of their existence. It cannot be denied that we perceive such certain appearances or ideas; but it cannot be concluded from thence that bodies really exist. Nay, now I think on it, I must, agreeably to my former concessions, farther declare that it is impossible any REAL corporeal thing should exist in nature.

PHIL. You amaze me. Was ever anything more wild and extravagant than the notions you now maintain: and is it not evident you are led into all these extravagances by the belief of MATERIAL SUBSTANCE? This makes you dream of those unknown natures in everything. It is this occasions your distinguishing between the reality and sensible appearances of things. It is to this you are indebted for being ignorant of what everybody else knows perfectly well. Nor is this all: you are not only ignorant of the true nature of everything, but you know not whether anything really exists, or whether there are any true natures at all; forasmuch as you attribute to your material beings an absolute or external existence, wherein you suppose their reality consists. And, as you are forced in the end to acknowledge such an existence means either a direct repugnancy, or nothing at all, it follows that you are obliged to pull down your own hypothesis of material Substance, and positively to deny the real existence of any part of the universe. And so you are plunged into the deepest and most deplorable scepticism that ever man was. Tell me, Hylas, is it not as I say?

HYL. I agree with you. MATERIAL SUBSTANCE was no more than an hypothesis; and a false and groundless one too. I will no longer spend my breath in defence of it. But whatever hypothesis you advance, or whatsoever scheme of things you introduce in its stead,

I doubt not it will appear every whit as false: let me but be allowed to question you upon it. That is, suffer me to serve you in your own kind, and I warrant it shall conduct you through as many perplexities and contradictions, to the very same state of scepticism that I myself am in at present.

PHIL. I assure you, Hylas, I do not pretend to frame any hypothesis at all. I am of a vulgar cast, simple enough to believe my senses, and leave things as I find them. To be plain, it is my opinion that the real things are those very things I see, and feel, and perceive by my senses. These I know; and, finding they answer all the necessities and purposes of life, have no reason to be solicitous about any other unknown beings. A piece of sensible bread, for instance, would stay my stomach better than ten thousand times as much of that insensible, unintelligible, real bread you speak of. It is likewise my opinion that colours and other sensible qualities are on the objects. I cannot for my life help thinking that snow is white, and fire hot. You indeed, who by SNOW and fire mean certain external, unperceived, unperceiving substances, are in the right to deny whiteness or heat to be affections inherent in THEM. But I, who understand by those words the things I see and feel, am obliged to think like other folks. And, as I am no sceptic with regard to the nature of things, so neither am I as to their existence. That a thing should be really perceived by my senses, and at the same time not really exist, is to me a plain contradiction; since I cannot prescind or abstract, even in thought, the existence of a sensible thing from its being perceived. Wood, stones, fire, water, flesh, iron, and the like things, which I name and discourse of, are things that I know. And I should not have known them but that I perceived them by my senses; and things perceived by the senses are immediately perceived; and things immediately perceived are ideas; and ideas cannot exist without the mind; their existence therefore consists in being perceived; when, therefore, they are actually perceived there can be no doubt of their existence. Away then with all that scepticism, all those ridiculous philosophical doubts. What a jest is it for a philosopher to question the existence of sensible things, till

he hath it proved to him from the veracity of God; or to pretend our knowledge in this point falls short of intuition or demonstration! I might as well doubt of my own being, as of the being of those things I actually see and feel.

HYL. Not so fast, Philonous: you say you cannot conceive how sensible things should exist without the mind. Do you not?

PHIL. I do.

HYL. Supposing you were annihilated, cannot you conceive it possible that things perceivable by sense may still exist?

PHIL. I can; but then it must be in another mind. When I deny sensible things an existence out of the mind, I do not mean my mind in particular, but all minds. Now, it is plain they have an existence exterior to my mind; since I find them by experience to be independent of it. There is therefore some other Mind wherein they exist, during the intervals between the times of my perceiving them: as likewise they did before my birth, and would do after my supposed annihilation. And, as the same is true with regard to all other finite created spirits, it necessarily follows there is an OMNIPRESENT ETERNAL MIND, which knows and comprehends all things, and exhibits them to our view in such a manner, and according to such rules, as He Himself hath ordained, and are by us termed the LAWS OF NATURE.

HYL. Answer me, Philonous. Are all our ideas perfectly inert beings? Or have they any agency included in them?

PHIL. They are altogether passive and inert.

HYL. And is not God an agent, a being purely active?

PHIL. I acknowledge it.

HYL. No idea therefore can be like unto, or represent the nature of God?

PHIL. It cannot.

HYL. Since therefore you have no IDEA of the mind of God, how can you conceive it possible that things should exist in His mind? Or, if you can conceive the mind of God, without having an idea of it, why may not I be allowed to conceive the existence of Matter, notwithstanding I have no idea of it?

PHIL. As to your first question: I own I have properly no IDEA, either of God or any other spirit; for these being active, cannot be represented by things perfectly inert, as our ideas are. I do nevertheless know that I, who am a spirit or thinking substance, exist as certainly as I know my ideas exist. Farther, I know what I mean by the terms I AND MYSELF; and I know this immediately or intuitively, though I do not perceive it as I perceive a triangle, a colour, or a sound. The Mind, Spirit, or Soul is that indivisible unextended thing which thinks, acts, and perceives. I say INDIVISIBLE, because unextended; and UNEXTENDED, because extended, figured, moveable things are ideas; and that which perceives ideas, which thinks and wills, is plainly itself no idea, nor like an idea. Ideas are things inactive, and perceived. And Spirits a sort of beings altogether different from them. I do not therefore say my soul is an idea, or like an idea. However, taking the word IDEA in a large sense, my soul may be said to furnish me with an idea, that is, an image or likeness of God—though indeed extremely inadequate. For, all the notion I have of God is obtained by reflecting on my own soul, heightening its powers, and removing its imperfections. I have, therefore, though not an inactive idea, yet in MYSELF some sort of an active thinking image of the Deity. And, though I perceive Him not by sense, yet I have a notion of Him, or know Him by reflexion and reasoning. My own mind and my own ideas I have an immediate knowledge of; and, by the help of these, do mediately apprehend the possibility of the existence of other spirits and ideas. Farther, from my own being, and from the dependency I find in myself and my ideas, I do, by an act of reason, necessarily infer the existence of a God, and of all created things in the mind of God. So much for your first question. For the second: I suppose by this time you can answer it yourself. For you neither perceive Matter objectively, as you do an inactive being or idea; nor know it, as you do yourself, by a reflex act, neither do you mediately apprehend it by similitude of the one or the other; nor yet collect it by reasoning from that which you know immediately. All which makes the case of MATTER widely different from that of the DEITY.

HYL. You say your own soul supplies you with some sort of an idea or image of God. But, at the same time, you acknowledge you have, properly speaking, no IDEA of your own soul. You even affirm that spirits are a sort of beings altogether different from ideas. Consequently that no idea can be like a spirit. We have therefore no idea of any spirit. You admit nevertheless that there is spiritual Substance, although you have no idea of it; while you deny there can be such a thing as material Substance, because you have no notion or idea of it. Is this fair dealing? To act consistently, you must either admit Matter or reject Spirit. What say you to this?

PHIL. I say, in the first place, that I do not deny the existence of material substance, merely because I have no notion of it' but because the notion of it is inconsistent; or, in other words, because it is repugnant that there should be a notion of it. Many things, for aught I know, may exist, whereof neither I nor any other man hath or can have any idea or notion whatsoever. But then those things must be possible, that is, nothing inconsistent must be included in their definition. I say, secondly, that, although we believe things to exist which we do not perceive, yet we may not believe that any particular thing exists, without some reason for such belief: but I have no reason for believing the existence of Matter. I have no immediate intuition thereof: neither can I immediately from my sensations, ideas, notions, actions, or passions, infer an unthinking, unperceiving, inactive Substance—either by probable deduction, or necessary consequence. Whereas the being of my Self, that is, my own soul, mind, or thinking principle, I evidently know by reflexion. You will forgive me if I repeat the same things in answer to the same objections. In the very notion or definition of MATERIAL SUBSTANCE, there is included a manifest repugnance and inconsistency. But this cannot be said of the notion of Spirit. That ideas should exist in what doth not perceive, or be produced by what doth not act, is repugnant. But, it is no repugnancy to say that a perceiving thing should be the subject of ideas, or an active thing the cause of them. It is granted we have neither an immediate evidence nor a demonstrative knowledge of the existence of other

finite spirits; but it will not thence follow that such spirits are on a foot with material substances: if to suppose the one be inconsistent, and it be not inconsistent to suppose the other; if the one can be inferred by no argument, and there is a probability for the other; if we see signs and effects indicating distinct finite agents like ourselves, and see no sign or symptom whatever that leads to a rational belief of Matter. I say, lastly, that I have a notion of Spirit, though I have not, strictly speaking, an idea of it. I do not perceive it as an idea, or by means of an idea, but know it by reflexion.

HYL. Notwithstanding all you have said, to me it seems that, according to your own way of thinking, and in consequence of your own principles, it should follow that YOU are only a system of floating ideas, without any substance to support them. Words are not to be used without a meaning. And, as there is no more meaning in SPIRITUAL SUBSTANCE than in MATERIAL SUBSTANCE, the one is to be exploded as well as the other.

PHIL. How often must I repeat, that I know or am conscious of my own being; and that I MYSELF am not my ideas, but somewhat else, a thinking, active principle that perceives, knows, wills, and operates about ideas. I know that I, one and the same self, perceive both colours and sounds: that a colour cannot perceive a sound, nor a sound a colour: that I am therefore one individual principle, distinct from colour and sound; and, for the same reason, from all other sensible things and inert ideas. But, I am not in like manner conscious either of the existence or essence of Matter. On the contrary, I know that nothing inconsistent can exist, and that the existence of Matter implies an inconsistency. Farther, I know what I mean when I affirm that there is a spiritual substance or support of ideas, that is, that a spirit knows and perceives ideas. But, I do not know what is meant when it is said that an unperceiving substance hath inherent in it and supports either ideas or the archetypes of ideas. There is therefore upon the whole no parity of case between Spirit and Matter.

HYL. I own myself satisfied in this point. But, do you in earnest think the real existence of sensible things consists in their being

actually perceived? If so; how comes it that all mankind distinguish between them? Ask the first man you meet, and he shall tell you, TO BE PERCEIVED is one thing, and TO EXIST is another.

PHIL. I am content, Hylas, to appeal to the common sense of the world for the truth of my notion. Ask the gardener why he thinks yonder cherry-tree exists in the garden, and he shall tell you, because he sees and feels it; in a word, because he perceives it by his senses. Ask him why he thinks an orange-tree not to be there, and he shall tell you, because he does not perceive it. What he perceives by sense, that he terms a real, being, and saith it IS OR EXISTS; but, that which is not perceivable, the same, he saith, hath no being.

HYL. Yes, Philonous, I grant the existence of a sensible thing consists in being perceivable, but not in being actually perceived.

PHIL. And what is perceivable but an idea? And can an idea exist without being actually perceived? These are points long since agreed between us.

HYL. But, be your opinion never so true, yet surely you will not deny it is shocking, and contrary to the common sense of men. Ask the fellow whether yonder tree hath an existence out of his mind: what answer think you he would make?

PHIL. The same that I should myself, to wit, that it doth exist out of his mind. But then to a Christian it cannot surely be shocking to say, the real tree, existing without his mind, is truly known and comprehended by (that is EXISTS IN) the infinite mind of God. Probably he may not at first glance be aware of the direct and immediate proof there is of this; inasmuch as the very being of a tree, or any other sensible thing, implies a mind wherein it is. But the point itself he cannot deny. The question between the Materialists and me is not, whether things have a REAL existence out of the mind of this or that person, but whether they have an ABSOLUTE existence, distinct from being perceived by God, and exterior to all minds. This indeed some heathens and philosophers have affirmed, but whoever entertains notions of the Deity suitable to the Holy Scriptures will be of another opinion.

HYL. But, according to your notions, what difference is there

between real things, and chimeras formed by the imagination, or the visions of a dream—since they are all equally in the mind?

PHIL. The ideas formed by the imagination are faint and indistinct; they have, besides, an entire dependence on the will. But the ideas perceived by sense, that is, real things, are more vivid and clear; and, being imprinted on the mind by a spirit distinct from us, have not the like dependence on our will. There is therefore no danger of confounding these with the foregoing; and there is as little of confounding them with the visions of a dream, which are dim, irregular, and confused. And, though they should happen to be never so lively and natural, yet, by their not being connected, and of a piece with the preceding and subsequent transactions of our lives, they might easily be distinguished from realities. In short, by whatever method you distinguish THINGS FROM CHIMERAS on your scheme, the same, it is evident, will hold also upon mine. For, it must be, I presume, by some perceived difference; and I am not for depriving you of any one thing that you perceive.

HYL. But still, Philonous, you hold, there is nothing in the world but spirits and ideas. And this, you must needs acknowledge, sounds very oddly.

PHIL. I own the word IDEA, not being commonly used for THING, sounds something out of the way. My reason for using it was, because a necessary relation to the mind is understood to be implied by that term; and it is now commonly used by philosophers to denote the immediate objects of the understanding. But, however oddly the proposition may sound in words, yet it includes nothing so very strange or shocking in its sense; which in effect amounts to no more than this, to wit, that there are only things perceiving, and things perceived; or that every unthinking being is necessarily, and from the very nature of its existence, perceived by some mind; if not by a finite created mind, yet certainly by the infinite mind of God, in whom “we five, and move, and have our being.” Is this as strange as to say, the sensible qualities are not on the objects: or that we cannot be sure of the existence of things, or know any thing of their

real natures—though we both see and feel them, and perceive them by all our senses?

HYL. And, in consequence of this, must we not think there are no such things as physical or corporeal causes; but that a Spirit is the immediate cause of all the phenomena in nature? Can there be anything more extravagant than this?

PHIL. Yes, it is infinitely more extravagant to say—a thing which is inert operates on the mind, and which is unperceiving is the cause of our perceptions, without any regard either to consistency, or the old known axiom, NOTHING CAN GIVE TO ANOTHER THAT WHICH IT HATH NOT ITSELF. Besides, that which to you, I know not for what reason, seems so extravagant is no more than the Holy Scriptures assert in a hundred places. In them God is represented as the sole and immediate Author of all those effects which some heathens and philosophers are wont to ascribe to Nature, Matter, Fate, or the like unthinking principle. This is so much the constant language of Scripture that it were needless to confirm it by citations.

HYL. You are not aware, Philonous, that in making God the immediate Author of all the motions in nature, you make Him the Author of murder, sacrilege, adultery, and the like heinous sins.

PHIL. In answer to that, I observe, first, that the imputation of guilt is the same, whether a person commits an action with or without an instrument. In case therefore you suppose God to act by the mediation of an instrument or occasion, called MATTER, you as truly make Him the author of sin as I, who think Him the immediate agent in all those operations vulgarly ascribed to Nature. I farther observe that sin or moral turpitude doth not consist in the outward physical action or motion, but in the internal deviation of the will from the laws of reason and religion. This is plain, in that the killing an enemy in a battle, or putting a criminal legally to death, is not thought sinful; though the outward act be the very same with that in the case of murder. Since, therefore, sin doth not consist in the physical action, the making God an immediate cause of all such actions is not making Him the Author of sin. Lastly, I

have nowhere said that God is the only agent who produces all the motions in bodies. It is true I have denied there are any other agents besides spirits; but this is very consistent with allowing to thinking rational beings, in the production of motions, the use of limited powers, ultimately indeed derived from God, but immediately under the direction of their own wills, which is sufficient to entitle them to all the guilt of their actions.

HYL. But the denying Matter, Philonous, or corporeal Substance; there is the point. You can never persuade me that this is not repugnant to the universal sense of mankind. Were our dispute to be determined by most voices, I am confident you would give up the point, without gathering the votes.

PHIL. I wish both our opinions were fairly stated and submitted to the judgment of men who had plain common sense, without the prejudices of a learned education. Let me be represented as one who trusts his senses, who thinks he knows the things he sees and feels, and entertains no doubts of their existence; and you fairly set forth with all your doubts, your paradoxes, and your scepticism about you, and I shall willingly acquiesce in the determination of any indifferent person. That there is no substance wherein ideas can exist beside spirit is to me evident. And that the objects immediately perceived are ideas, is on all hands agreed. And that sensible qualities are objects immediately perceived no one can deny. It is therefore evident there can be no SUBSTRATUM of those qualities but spirit; in which they exist, not by way of mode or property, but as a thing perceived in that which perceives it. I deny therefore that there is ANY UNTHINKING-SUBSTRATUM of the objects of sense, and IN THAT ACCEPTATION that there is any material substance. But if by MATERIAL SUBSTANCE is meant only SENSIBLE BODY, THAT which is seen and felt (and the unphilosophical part of the world, I dare say, mean no more)—then I am more certain of matter's existence than you or any other philosopher pretend to be. If there be anything which makes the generality of mankind averse from the notions I espouse, it is a misapprehension that I deny the reality of sensible things. But, as it is you who are guilty of that, and not I, it

follows that in truth their aversion is against your notions and not mine. I do therefore assert that I am as certain as of my own being, that there are bodies or corporeal substances (meaning the things I perceive by my senses); and that, granting this, the bulk of mankind will take no thought about, nor think themselves at all concerned in the fate of those unknown natures, and philosophical quiddities, which some men are so fond of.

HYL. What say you to this? Since, according to you, men judge of the reality of things by their senses, how can a man be mistaken in thinking the moon a plain lucid surface, about a foot in diameter; or a square tower, seen at a distance, round; or an oar, with one end in the water, crooked?

PHIL. He is not mistaken with regard to the ideas he actually perceives, but in the inference he makes from his present perceptions. Thus, in the case of the oar, what he immediately perceives by sight is certainly crooked; and so far he is in the right. But if he thence conclude that upon taking the oar out of the water he shall perceive the same crookedness; or that it would affect his touch as crooked things are wont to do: in that he is mistaken. In like manner, if he shall conclude from what he perceives in one station, that, in case he advances towards the moon or tower, he should still be affected with the like ideas, he is mistaken. But his mistake lies not in what he perceives immediately, and at present, (it being a manifest contradiction to suppose he should err in respect of that) but in the wrong judgment he makes concerning the ideas he apprehends to be connected with those immediately perceived: or, concerning the ideas that, from what he perceives at present, he imagines would be perceived in other circumstances. The case is the same with regard to the Copernican system. We do not here perceive any motion of the earth: but it were erroneous thence to conclude, that, in case we were placed at as great a distance from that as we are now from the other planets, we should not then perceive its motion.

HYL. I understand you; and must needs own you say things plausible enough. But, give me leave to put you in mind of one

thing. Pray, Philonous, were you not formerly as positive that Matter existed, as you are now that it does not?

PHIL. I was. But here lies the difference. Before, my positiveness was founded, without examination, upon prejudice; but now, after inquiry, upon evidence.

HYL. After all, it seems our dispute is rather about words than things. We agree in the thing, but differ in the name. That we are affected with ideas FROM WITHOUT is evident; and it is no less evident that there must be (I will not say archetypes, but) Powers without the mind, corresponding to those ideas. And, as these Powers cannot subsist by themselves, there is some subject of them necessarily to be admitted; which I call MATTER, and you call SPIRIT. This is all the difference.

PHIL. Pray, Hylas, is that powerful Being, or subject of powers, extended?

HYL. It hath not extension; but it hath the power to raise in you the idea of extension.

PHIL. It is therefore itself unextended?

HYL. I grant it.

PHIL. Is it not also active?

HYL. Without doubt. Otherwise, how could we attribute powers to it?

PHIL. Now let me ask you two questions: FIRST, Whether it be agreeable to the usage either of philosophers or others to give the name MATTER to an unextended active being? And, SECONDLY, Whether it be not ridiculously absurd to misapply names contrary to the common use of language?

HYL. Well then, let it not be called Matter, since you will have it so, but some THIRD NATURE distinct from Matter and Spirit. For what reason is there why you should call it Spirit? Does not the notion of spirit imply that it is thinking, as well as active and unextended?

PHIL. My reason is this: because I have a mind to have some notion of meaning in what I say: but I have no notion of any action distinct from volition, neither can I conceive volition to be anywhere but in a spirit: therefore, when I speak of an active being, I am

obliged to mean a Spirit. Beside, what can be plainer than that a thing which hath no ideas in itself cannot impart them to me; and, if it hath ideas, surely it must be a Spirit. To make you comprehend the point still more clearly if it be possible, I assert as well as you that, since we are affected from without, we must allow Powers to be without, in a Being distinct from ourselves. So far we are agreed. But then we differ as to the kind of this powerful Being. I will have it to be Spirit, you Matter, or I know not what (I may add too, you know not what) Third Nature. Thus, I prove it to be Spirit. From the effects I see produced, I conclude there are actions; and, because actions, volitions; and, because there are volitions, there must be a WILL. Again, the things I perceive must have an existence, they or their archetypes, out of MY mind: but, being ideas, neither they nor their archetypes can exist otherwise than in an understanding; there is therefore an UNDERSTANDING. But will and understanding constitute in the strictest sense a mind or spirit. The powerful cause, therefore, of my ideas is in strict propriety of speech a SPIRIT.

HYL. And now I warrant you think you have made the point very clear, little suspecting that what you advance leads directly to a contradiction. Is it not an absurdity to imagine any imperfection in God?

PHIL. Without a doubt.

HYL. To suffer pain is an imperfection?

PHIL. It is.

HYL. Are we not sometimes affected with pain and uneasiness by some other Being?

PHIL. We are.

HYL. And have you not said that Being is a Spirit, and is not that Spirit God?

PHIL. I grant it.

HYL. But you have asserted that whatever ideas we perceive from without are in the mind which affects us. The ideas, therefore, of pain and uneasiness are in God; or, in other words, God suffers pain: that is to say, there is an imperfection in the Divine nature:

which, you acknowledged, was absurd. So you are caught in a plain contradiction.

PHIL. That God knows or understands all things, and that He knows, among other things, what pain is, even every sort of painful sensation, and what it is for His creatures to suffer pain, I make no question. But, that God, though He knows and sometimes causes painful sensations in us, can Himself suffer pain, I positively deny. We, who are limited and dependent spirits, are liable to impressions of sense, the effects of an external Agent, which, being produced against our wills, are sometimes painful and uneasy. But God, whom no external being can affect, who perceives nothing by sense as we do; whose will is absolute and independent, causing all things, and liable to be thwarted or resisted by nothing: it is evident, such a Being as this can suffer nothing, nor be affected with any painful sensation, or indeed any sensation at all. We are chained to a body: that is to say, our perceptions are connected with corporeal motions. By the law of our nature, we are affected upon every alteration in the nervous parts of our sensible body; which sensible body, rightly considered, is nothing but a complexion of such qualities or ideas as have no existence distinct from being perceived by a mind. So that this connexion of sensations with corporeal motions means no more than a correspondence in the order of nature, between two sets of ideas, or things immediately perceivable. But God is a Pure Spirit, disengaged from all such sympathy, or natural ties. No corporeal motions are attended with the sensations of pain or pleasure in His mind. To know everything knowable, is certainly a perfection; but to endure, or suffer, or feel anything by sense, is an imperfection. The former, I say, agrees to God, but not the latter. God knows, or hath ideas; but His ideas are not conveyed to Him by sense, as ours are. Your not distinguishing, where there is so manifest a difference, makes you fancy you see an absurdity where there is none.

HYL. But, all this while you have not considered that the quantity of Matter has been demonstrated to be proportioned to the gravity of bodies. And what can withstand demonstration?

PHIL. Let me see how you demonstrate that point.

HYL. I lay it down for a principle, that the moments or quantities of motion in bodies are in a direct compounded reason of the velocities and quantities of Matter contained in them. Hence, where the velocities are equal, it follows the moments are directly as the quantity of Matter in each. But it is found by experience that all bodies (bating the small inequalities, arising from the resistance of the air) descend with an equal velocity; the motion therefore of descending bodies, and consequently their gravity, which is the cause or principle of that motion, is proportional to the quantity of Matter; which was to be demonstrated.

PHIL. You lay it down as a self-evident principle that the quantity of motion in any body is proportional to the velocity and MATTER taken together; and this is made use of to prove a proposition from whence the existence of MATTER is inferred. Pray is not this arguing in a circle?

HYL. In the premise I only mean that the motion is proportional to the velocity, jointly with the extension and solidity.

PHIL. But, allowing this to be true, yet it will not thence follow that gravity is proportional to MATTER, in your philosophic sense of the word; except you take it for granted that unknown SUBSTRATUM, or whatever else you call it, is proportional to those sensible qualities; which to suppose is plainly begging the question. That there is magnitude and solidity, or resistance, perceived by sense, I readily grant; as likewise, that gravity may be proportional to those qualities I will not dispute. But that either these qualities as perceived by us, or the powers producing them, do exist in a MATERIAL SUBSTRATUM; this is what I deny, and you indeed affirm, but, notwithstanding your demonstration, have not yet proved.

HYL. I shall insist no longer on that point. Do you think, however, you shall persuade me that the natural philosophers have been dreaming all this while? Pray what becomes of all their hypotheses and explications of the phenomena, which suppose the existence of Matter?

PHIL. What mean you, Hylas, by the PHENOMENA?

HYL. I mean the appearances which I perceive by my senses.

PHIL. And the appearances perceived by sense, are they not ideas?

HYL. I have told you so a hundred times.

PHIL. Therefore, to explain the phenomena, is, to shew how we come to be affected with ideas, in that manner and order wherein they are imprinted on our senses. Is it not?

HYL. It is.

PHIL. Now, if you can prove that any philosopher has explained the production of any one idea in our minds by the help of MATTER, I shall for ever acquiesce, and look on all that hath been said against it as nothing; but, if you cannot, it is vain to urge the explication of phenomena. That a Being endowed with knowledge and will should produce or exhibit ideas is easily understood. But that a Being which is utterly destitute of these faculties should be able to produce ideas, or in any sort to affect an intelligence, this I can never understand. This I say, though we had some positive conception of Matter, though we knew its qualities, and could comprehend its existence, would yet be so far from explaining things, that it is itself the most inexplicable thing in the world. And yet, for all this, it will not follow that philosophers have been doing nothing; for, by observing and reasoning upon the connexion of ideas, they discover the laws and methods of nature, which is a part of knowledge both useful and entertaining.

HYL. After all, can it be supposed God would deceive all mankind? Do you imagine He would have induced the whole world to believe the being of Matter, if there was no such thing?

PHIL. That every epidemical opinion, arising from prejudice, or passion, or thoughtlessness, may be imputed to God, as the Author of it, I believe you will not affirm. Whatsoever opinion we father on Him, it must be either because He has discovered it to us by supernatural revelation; or because it is so evident to our natural faculties, which were framed and given us by God, that it is impossible we should withhold our assent from it. But where is the revelation? or where is the evidence that extorts the belief

of Matter? Nay, how does it appear, that Matter, TAKEN FOR SOMETHING DISTINCT FROM WHAT WE PERCEIVE BY OUR SENSES, is thought to exist by all mankind; or indeed, by any except a few philosophers, who do not know what they would be at? Your question supposes these points are clear; and, when you have cleared them, I shall think myself obliged to give you another answer. In the meantime, let it suffice that I tell you, I do not suppose God has deceived mankind at all.

HYL. But the novelty, Philonous, the novelty! There lies the danger. New notions should always be discountenanced; they unsettle men's minds, and nobody knows where they will end.

PHIL. Why the rejecting a notion that has no foundation, either in sense, or in reason, or in Divine authority, should be thought to unsettle the belief of such opinions as are grounded on all or any of these, I cannot imagine. That innovations in government and religion are dangerous, and ought to be discountenanced, I freely own. But is there the like reason why they should be discouraged in philosophy? The making anything known which was unknown before is an innovation in knowledge: and, if all such innovations had been forbidden, men would have made a notable progress in the arts and sciences. But it is none of my business to plead for novelties and paradoxes. That the qualities we perceive are not on the objects: that we must not believe our senses: that we know nothing of the real nature of things, and can never be assured even of their existence: that real colours and sounds are nothing but certain unknown figures and motions: that motions are in themselves neither swift nor slow: that there are in bodies absolute extensions, without any particular magnitude or figure: that a thing stupid, thoughtless, and inactive, operates on a spirit: that the least particle of a body contains innumerable extended parts:—these are the novelties, these are the strange notions which shock the genuine uncorrupted judgment of all mankind; and being once admitted, embarrass the mind with endless doubts and difficulties. And it is against these and the like innovations I endeavour to vindicate Common Sense. It is true, in doing this, I may perhaps be

obliged to use some AMBAGES, and ways of speech not common. But, if my notions are once thoroughly understood, that which is most singular in them will, in effect, be found to amount to no more than this.—that it is absolutely impossible, and a plain contradiction, to suppose any unthinking Being should exist without being perceived by a Mind. And, if this notion be singular, it is a shame it should be so, at this time of day, and in a Christian country.

HYL. As for the difficulties other opinions may be liable to, those are out of the question. It is your business to defend your own opinion. Can anything be plainer than that you are for changing all things into ideas? You, I say, who are not ashamed to charge me WITH SCEPTICISM. This is so plain, there is no denying it.

PHIL. You mistake me. I am not for changing things into ideas, but rather ideas into things; since those immediate objects of perception, which, according to you, are only appearances of things, I take to be the real things themselves.

HYL. Things! You may pretend what you please; but it is certain you leave us nothing but the empty forms of things, the outside only which strikes the senses.

PHIL. What you call the empty forms and outside of things seem to me the very things themselves. Nor are they empty or incomplete, otherwise than upon your supposition—that Matter is an essential part of all corporeal things. We both, therefore, agree in this, that we perceive only sensible forms: but herein we differ—you will have them to be empty appearances, I, real beings. In short, you do not trust your senses, I do.

HYL. You say you believe your senses; and seem to applaud yourself that in this you agree with the vulgar. According to you, therefore, the true nature of a thing is discovered by the senses. If so, whence comes that disagreement? Why is not the same figure, and other sensible qualities, perceived all manner of ways? and why should we use a microscope the better to discover the true nature of a body, if it were discoverable to the naked eye?

PHIL. Strictly speaking, Hylas, we do not see the same object that we feel; neither is the same object perceived by the microscope

which was by the naked eye. But, in case every variation was thought sufficient to constitute a new kind of individual, the endless number of confusion of names would render language impracticable. Therefore, to avoid this, as well as other inconveniences which are obvious upon a little thought, men combine together several ideas, apprehended by divers senses, or by the same sense at different times, or in different circumstances, but observed, however, to have some connexion in nature, either with respect to co-existence or succession; all which they refer to one name, and consider as one thing. Hence it follows that when I examine, by my other senses, a thing I have seen, it is not in order to understand better the same object which I had perceived by sight, the object of one sense not being perceived by the other senses. And, when I look through a microscope, it is not that I may perceive more clearly what I perceived already with my bare eyes; the object perceived by the glass being quite different from the former. But, in both cases, my aim is only to know what ideas are connected together; and the more a man knows of the connexion of ideas, the more he is said to know of the nature of things. What, therefore, if our ideas are variable; what if our senses are not in all circumstances affected with the same appearances. It will not thence follow they are not to be trusted; or that they are inconsistent either with themselves or anything else: except it be with your preconceived notion of (I know not what) one single, unchanged, unperceivable, real Nature, marked by each name. Which prejudice seems to have taken its rise from not rightly understanding the common language of men, speaking of several distinct ideas as united into one thing by the mind. And, indeed, there is cause to suspect several erroneous conceits of the philosophers are owing to the same original: while they began to build their schemes not so much on notions as on words, which were framed by the vulgar, merely for conveniency and dispatch in the common actions of life, without any regard to speculation.

HYL. Methinks I apprehend your meaning.

PHIL. It is your opinion the ideas we perceive by our senses

are not real things, but images or copies of them. Our knowledge, therefore, is no farther real than as our ideas are the true REPRESENTATIONS OF THOSE ORIGINALS. But, as these supposed originals are in themselves unknown, it is impossible to know how far our ideas resemble them; or whether they resemble them at all. We cannot, therefore, be sure we have any real knowledge. Farther, as our ideas are perpetually varied, without any change in the supposed real things, it necessarily follows they cannot all be true copies of them: or, if some are and others are not, it is impossible to distinguish the former from the latter. And this plunges us yet deeper in uncertainty. Again, when we consider the point, we cannot conceive how any idea, or anything like an idea, should have an absolute existence out of a mind: nor consequently, according to you, how there should be any real thing in nature. The result of all which is that we are thrown into the most hopeless and abandoned scepticism. Now, give me leave to ask you, First, Whether your referring ideas to certain absolutely existing unperceived substances, as their originals, be not the source of all this scepticism? Secondly, whether you are informed, either by sense or reason, of the existence of those unknown originals? And, in case you are not, whether it be not absurd to suppose them? Thirdly, Whether, upon inquiry, you find there is anything distinctly conceived or meant by the ABSOLUTE OR EXTERNAL EXISTENCE OF UNPERCEIVING SUBSTANCES? Lastly, Whether, the premises considered, it be not the wisest way to follow nature, trust your senses, and, laying aside all anxious thought about unknown natures or substances, admit with the vulgar those for real things which are perceived by the senses?

HYL. For the present, I have no inclination to the answering part. I would much rather see how you can get over what follows. Pray are not the objects perceived by the SENSES of one, likewise perceivable to others present? If there were a hundred more here, they would all see the garden, the trees, and flowers, as I see them. But they are not in the same manner affected with the ideas I frame

in my IMAGINATION. Does not this make a difference between the former sort of objects and the latter?

PHIL. I grant it does. Nor have I ever denied a difference between the objects of sense and those of imagination. But what would you infer from thence? You cannot say that sensible objects exist unperceived, because they are perceived by many.

HYL. I own I can make nothing of that objection: but it hath led me into another. Is it not your opinion that by our senses we perceive only the ideas existing in our minds?

PHIL. It is.

HYL. But the SAME idea which is in my mind cannot be in yours, or in any other mind. Doth it not therefore follow, from your principles, that no two can see the same thing? And is not this highly, absurd?

PHIL. If the term SAME be taken in the vulgar acceptance, it is certain (and not at all repugnant to the principles I maintain) that different persons may perceive the same thing; or the same thing or idea exist in different minds. Words are of arbitrary imposition; and, since men are used to apply the word SAME where no distinction or variety is perceived, and I do not pretend to alter their perceptions, it follows that, as men have said before, SEVERAL SAW THE SAME THING, so they may, upon like occasions, still continue to use the same phrase, without any deviation either from propriety of language, or the truth of things. But, if the term SAME be used in the acceptance of philosophers, who pretend to an abstracted notion of identity, then, according to their sundry definitions of this notion (for it is not yet agreed wherein that philosophic identity consists), it may or may not be possible for divers persons to perceive the same thing. But whether philosophers shall think fit to CALL a thing the SAME or no, is, I conceive, of small importance. Let us suppose several men together, all endued with the same faculties, and consequently affected in like sort by their senses, and who had yet never known the use of language; they would, without question, agree in their perceptions. Though perhaps, when they came to the use of speech, some regarding the uniformness of what was

perceived, might call it the SAME thing: others, especially regarding the diversity of persons who perceived, might choose the denomination of DIFFERENT things. But who sees not that all the dispute is about a word? to wit, whether what is perceived by different persons may yet have the term SAME applied to it? Or, suppose a house, whose walls or outward shell remaining unaltered, the chambers are all pulled down, and new ones built in their place; and that you should call this the SAME, and I should say it was not the SAME house.—would we not, for all this, perfectly agree in our thoughts of the house, considered in itself? And would not all the difference consist in a sound? If you should say, We differed in our notions; for that you super-added to your idea of the house the simple abstracted idea of identity, whereas I did not; I would tell you, I know not what you mean by THE ABSTRACTED IDEA OF IDENTITY; and should desire you to look into your own thoughts, and be sure you understood yourself.—Why so silent, Hylas? Are you not yet satisfied men may dispute about identity and diversity, without any real difference in their thoughts and opinions, abstracted from names? Take this farther reflexion with you: that whether Matter be allowed to exist or no, the case is exactly the same as to the point in hand. For the Materialists themselves acknowledge what we immediately perceive by our senses to be our own ideas. Your difficulty, therefore, that no two see the same thing, makes equally against the Materialists and me.

HYL. Ay, Philonous, but they suppose an external archetype, to which referring their several ideas they may truly be said to perceive the same thing.

PHIL. And (not to mention your having discarded those archetypes) so may you suppose an external archetype on my principles;—EXTERNAL, I MEAN, TO YOUR OWN MIND: though indeed it must be supposed to exist in that Mind which comprehends all things; but then, this serves all the ends of IDENTITY, as well as if it existed out of a mind. And I am sure you yourself will not say it is less intelligible.

HYL. You have indeed clearly satisfied me—either that there is no

difficulty at bottom in this point; or, if there be, that it makes equally against both opinions.

PHIL. But that which makes equally against two contradictory opinions can be a proof against neither.

HYL. I acknowledge it. But, after all, Philonous, when I consider the substance of what you advance against SCEPTICISM, it amounts to no more than this: We are sure that we really see, hear, feel; in a word, that we are affected with sensible impressions.

PHIL. And how are WE concerned any farther? I see this cherry, I feel it, I taste it: and I am sure NOTHING cannot be seen, or felt, or tasted: it is therefore real. Take away the sensations of softness, moisture, redness, tartness, and you take away the cherry, since it is not a being distinct from sensations. A cherry, I say, is nothing but a congeries of sensible impressions, or ideas perceived by various senses: which ideas are united into one thing (or have one name given them) by the mind, because they are observed to attend each other. Thus, when the palate is affected with such a particular taste, the sight is affected with a red colour, the touch with roundness, softness, &c. Hence, when I see, and feel, and taste, in such sundry certain manners, I am sure the cherry exists, or is real; its reality being in my opinion nothing abstracted from those sensations. But if by the word CHERRY, you mean an unknown nature, distinct from all those sensible qualities, and by its EXISTENCE something distinct from its being perceived; then, indeed, I own, neither you nor I, nor any one else, can be sure it exists.

HYL. But, what would you say, Philonous, if I should bring the very same reasons against the existence of sensible things IN A MIND, which you have offered against their existing IN A MATERIAL SUBSTRATUM?

PHIL. When I see your reasons, you shall hear what I have to say to them.

HYL. Is the mind extended or unextended?

PHIL. Unextended, without doubt.

HYL. Do you say the things you perceive are in your mind?

PHIL. They are.

HYL. Again, have I not heard you speak of sensible impressions?

PHIL. I believe you may.

HYL. Explain to me now, O Philonous! how it is possible there should be room for all those trees and houses to exist in your mind. Can extended things be contained in that which is unextended? Or, are we to imagine impressions made on a thing void of all solidity? You cannot say objects are in your mind, as books in your study: or that things are imprinted on it, as the figure of a seal upon wax. In what sense, therefore, are we to understand those expressions? Explain me this if you can: and I shall then be able to answer all those queries you formerly put to me about my SUBSTRATUM.

PHIL. Look you, Hylas, when I speak of objects as existing in the mind, or imprinted on the senses, I would not be understood in the gross literal sense; as when bodies are said to exist in a place, or a seal to make an impression upon wax. My meaning is only that the mind comprehends or perceives them; and that it is affected from without, or by some being distinct from itself. This is my explication of your difficulty; and how it can serve to make your tenet of an unperceiving material SUBSTRATUM intelligible, I would fain know.

HYL. Nay, if that be all, I confess I do not see what use can be made of it. But are you not guilty of some abuse of language in this?

PHIL. None at all. It is no more than common custom, which you know is the rule of language, hath authorised: nothing being more usual, than for philosophers to speak of the immediate objects of the understanding as things existing in the mind. 'Nor is there anything in this but what is conformable to the general analogy of language; most part of the mental operations being signified by words borrowed from sensible things; as is plain in the terms COMPREHEND, reflect, DISCOURSE, &C., which, being applied to the mind, must not be taken in their gross, original sense.

HYL. You have, I own, satisfied me in this point. But there still remains one great difficulty, which I know not how you will get over. And, indeed, it is of such importance that if you could solve all others, without being able to find a solution for this, you must never expect to make me a proselyte to your principles.

PHIL. Let me know this mighty difficulty.

HYL. The Scripture account of the creation is what appears to me utterly irreconcilable with your notions. Moses tells us of a creation: a creation of what? of ideas? No, certainly, but of things, of real things, solid corporeal substances. Bring your principles to agree with this, and I shall perhaps agree with you.

PHIL. Moses mentions the sun, moon, and stars, earth and sea, plants and animals. That all these do really exist, and were in the beginning created by God, I make no question. If by IDEAS you mean fictions and fancies of the mind, then these are no ideas. If by IDEAS you mean immediate objects of the understanding, or sensible things, which cannot exist unperceived, or out of a mind, then these things are ideas. But whether you do or do not call them IDEAS, it matters little. The difference is only about a name. And, whether that name be retained or rejected, the sense, the truth, and reality of things continues the same. In common talk, the objects of our senses are not termed IDEAS, but THINGS. Call them so still: provided you do not attribute to them any absolute external existence, and I shall never quarrel with you for a word. The creation, therefore, I allow to have been a creation of things, of REAL things. Neither is this in the least inconsistent with my principles, as is evident from what I have now said; and would have been evident to you without this, if you had not forgotten what had been so often said before. But as for solid corporeal substances, I desire you to show where Moses makes any mention of them; and, if they should be mentioned by him, or any other inspired writer, it would still be incumbent on you to shew those words were not taken in the vulgar acceptation, for things falling under our senses, but in the philosophic acceptation, for Matter, or AN UNKNOWN QUIDDITY, WITH AN ABSOLUTE EXISTENCE. When you have proved these points, then (and not till then) may you bring the authority of Moses into our dispute.

HYL. It is in vain to dispute about a point so clear. I am content to refer it to your own conscience. Are you not satisfied there is some

peculiar repugnancy between the Mosaic account of the creation and your notions?

PHIL. If all possible sense which can be put on the first chapter of Genesis may be conceived as consistently with my principles as any other, then it has no peculiar repugnancy with them. But there is no sense you may not as well conceive, believing as I do. Since, besides spirits, all you conceive are ideas; and the existence of these I do not deny. Neither do you pretend they exist without the mind.

HYL. Pray let me see any sense you can understand it in.

PHIL. Why, I imagine that if I had been present at the creation, I should have seen things produced into being—that is become perceptible—in the order prescribed by the sacred historian. I ever before believed the Mosaic account of the creation, and now find no alteration in my manner of believing it. When things are said to begin or end their existence, we do not mean this with regard to God, but His creatures. All objects are eternally known by God, or, which is the same thing, have an eternal existence in His mind: but when things, before imperceptible to creatures, are, by a decree of God, perceptible to them, then are they said to begin a relative existence, with respect to created minds. Upon reading therefore the Mosaic account of the creation, I understand that the several parts of the world became gradually perceivable to finite spirits, endowed with proper faculties; so that, whoever such were present, they were in truth perceived by them. This is the literal obvious sense suggested to me by the words of the Holy Scripture: in which is included no mention, or no thought, either of SUBSTRATUM, INSTRUMENT, OCCASION, or ABSOLUTE EXISTENCE. And, upon inquiry, I doubt not it will be found that most plain honest men, who believe the creation, never think of those things any more than I. What metaphysical sense you may understand it in, you only can tell.

HYL. But, Philonous, you do not seem to be aware that you allow created things, in the beginning, only a relative, and consequently hypothetical being: that is to say, upon supposition there were MEN to perceive them; without which they have no actuality of absolute

existence, wherein creation might terminate. Is it not, therefore, according to you, plainly impossible the creation of any inanimate creatures should precede that of man? And is not this directly contrary to the Mosaic account?

PHIL. In answer to that, I say, first, created beings might begin to exist in the mind of other created intelligences, beside men. You will not therefore be able to prove any contradiction between Moses and my notions, unless you first shew there was no other order of finite created spirits in being, before man. I say farther, in case we conceive the creation, as we should at this time, a parcel of plants or vegetables of all sorts produced, by an invisible Power, in a desert where nobody was present—that this way of explaining or conceiving it is consistent with my principles, since they deprive you of nothing, either sensible or imaginable; that it exactly suits with the common, natural, and undebauched notions of mankind; that it manifests the dependence of all things on God; and consequently hath all the good effect or influence, which it is possible that important article of our faith should have in making men humble, thankful, and resigned to their great Creator. I say, moreover, that, in this naked conception of things, divested of words, there will not be found any notion of what you call the ACTUALITY OF ABSOLUTE EXISTENCE. You may indeed raise a dust with those terms, and so lengthen our dispute to no purpose. But I entreat you calmly to look into your own thoughts, and then tell me if they are not a useless and unintelligible jargon.

HYL. I own I have no very clear notion annexed to them. But what say you to this? Do you not make the existence of sensible things consist in their being in a mind? And were not all things eternally in the mind of God? Did they not therefore exist from all eternity, according to you? And how could that which was eternal be created in time? Can anything be clearer or better connected than this?

PHIL. And are not you too of opinion, that God knew all things from eternity?

HYL. I am.

PHIL. Consequently they always had a being in the Divine intellect.

HYL. This I acknowledge.

PHIL. By your own confession, therefore, nothing is new, or begins to be, in respect of the mind of God. So we are agreed in that point.

HYL. What shall we make then of the creation?

PHIL. May we not understand it to have been entirely in respect of finite spirits; so that things, with regard to us, may properly be said to begin their existence, or be created, when God decreed they should become perceptible to intelligent creatures, in that order and manner which He then established, and we now call the laws of nature? You may call this a RELATIVE, or HYPOTHETICAL EXISTENCE if you please. But, so long as it supplies us with the most natural, obvious, and literal sense of the Mosaic history of the creation; so long as it answers all the religious ends of that great article; in a word, so long as you can assign no other sense or meaning in its stead; why should we reject this? Is it to comply with a ridiculous sceptical humour of making everything nonsense and unintelligible? I am sure you cannot say it is for the glory of God. For, allowing it to be a thing possible and conceivable that the corporeal world should have an absolute existence extrinsic to the mind of God, as well as to the minds of all created spirits; yet how could this set forth either the immensity or omniscience of the Deity, or the necessary and immediate dependence of all things on Him? Nay, would it not rather seem to derogate from those attributes?

HYL. Well, but as to this decree of God's, for making things perceptible, what say you, Philonous? Is it not plain, God did either execute that decree from all eternity, or at some certain time began to will what He had not actually willed before, but only designed to will? If the former, then there could be no creation, or beginning of existence, in finite things. If the latter, then we must acknowledge something new to befall the Deity; which implies a sort of change: and all change argues imperfection.

PHIL. Pray consider what you are doing. Is it not evident this objection concludes equally against a creation in any sense; nay, against every other act of the Deity, discoverable by the light of nature? None of which can WE conceive, otherwise than as performed in time, and having a beginning. God is a Being of transcendent and unlimited perfections: His nature, therefore, is incomprehensible to finite spirits. It is not, therefore, to be expected, that any man, whether Materialist or Immaterialist, should have exactly just notions of the Deity, His attributes, and ways of operation. If then you would infer anything against me, your difficulty must not be drawn from the inadequateness of our conceptions of the Divine nature, which is unavoidable on any scheme; but from the denial of Matter, of which there is not one word, directly or indirectly, in what you have now objected.

HYL. I must acknowledge the difficulties you are concerned to clear are such only as arise from the non-existence of Matter, and are peculiar to that notion. So far you are in the right. But I cannot by any means bring myself to think there is no such peculiar repugnancy between the creation and your opinion; though indeed where to fix it, I do not distinctly know.

PHIL. What would you have? Do I not acknowledge a twofold state of things—the one ectypal or natural, the other archetypal and eternal? The former was created in time; the latter existed from everlasting in the mind of God. Is not this agreeable to the common notions of divines? or, is any more than this necessary in order to conceive the creation? But you suspect some peculiar repugnancy, though you know not where it lies. To take away all possibility of scruple in the case, do but consider this one point. Either you are not able to conceive the Creation on any hypothesis whatsoever; and, if so, there is no ground for dislike or complaint against any particular opinion on that score: or you are able to conceive it; and, if so, why not on my Principles, since thereby nothing conceivable is taken away? You have all along been allowed the full scope of sense, imagination, and reason. Whatever, therefore, you could before apprehend, either immediately or mediately by your senses, or by

ratiocination from your senses; whatever you could perceive, imagine, or understand, remains still with you. If, therefore, the notion you have of the creation by other Principles be intelligible, you have it still upon mine; if it be not intelligible, I conceive it to be no notion at all; and so there is no loss of it. And indeed it seems to me very plain that the supposition of Matter, that is a thing perfectly unknown and inconceivable, cannot serve to make us conceive anything. And, I hope it need not be proved to you that if the existence of Matter doth not make the creation conceivable, the creation's being without it inconceivable can be no objection against its non-existence.

HYL. I confess, Philonous, you have almost satisfied me in this point of the creation.

PHIL. I would fain know why you are not quite satisfied. You tell me indeed of a repugnancy between the Mosaic history and Immaterialism: but you know not where it lies. Is this reasonable, Hylas? Can you expect I should solve a difficulty without knowing what it is? But, to pass by all that, would not a man think you were assured there is no repugnancy between the received notions of Materialists and the inspired writings?

HYL. And so I am.

PHIL. Ought the historical part of Scripture to be understood in a plain obvious sense, or in a sense which is metaphysical and out of the way?

HYL. In the plain sense, doubtless.

PHIL. When Moses speaks of herbs, earth, water, &c. as having been created by God; think you not the sensible things commonly signified by those words are suggested to every unphilosophical reader?

HYL. I cannot help thinking so.

PHIL. And are not all ideas, or things perceived by sense, to be denied a real existence by the doctrine of the Materialist?

HYL. This I have already acknowledged.

PHIL. The creation, therefore, according to them, was not the creation of things sensible, which have only a relative being, but of

certain unknown natures, which have an absolute being, wherein creation might terminate?

HYL. True.

PHIL. Is it not therefore evident the assertors of Matter destroy the plain obvious sense of Moses, with which their notions are utterly inconsistent; and instead of it obtrude on us I know not what; something equally unintelligible to themselves and me?

HYL. I cannot contradict you.

PHIL. Moses tells us of a creation. A creation of what? of unknown quiddities, of occasions, or SUBSTRATUM? No, certainly; but of things obvious to the senses. You must first reconcile this with your notions, if you expect I should be reconciled to them.

HYL. I see you can assault me with my own weapons.

PHIL. Then as to ABSOLUTE EXISTENCE; was there ever known a more jejune notion than that? Something it is so abstracted and unintelligible that you have frankly owned you could not conceive it, much less explain anything by it. But allowing Matter to exist, and the notion of absolute existence to be clear as light; yet, was this ever known to make the creation more credible? Nay, hath it not furnished the atheists and infidels of all ages with the most plausible arguments against a creation? That a corporeal substance, which hath an absolute existence without the minds of spirits, should be produced out of nothing, by the mere will of a Spirit, hath been looked upon as a thing so contrary to all reason, so impossible and absurd! that not only the most celebrated among the ancients, but even divers modern and Christian philosophers have thought Matter co-eternal with the Deity. Lay these things together, and then judge you whether Materialism disposes men to believe the creation of things.

HYL. I own, Philonous, I think it does not. This of the CREATION is the last objection I can think of; and I must needs own it hath been sufficiently answered as well as the rest. Nothing now remains to be overcome but a sort of unaccountable backwardness that I find in myself towards your notions.

PHIL. When a man is swayed, he knows not why, to one side of

the question, can this, think you, be anything else but the effect of prejudice, which never fails to attend old and rooted notions? And indeed in this respect I cannot deny the belief of Matter to have very much the advantage over the contrary opinion, with men of a learned education.

HYL. I confess it seems to be as you say.

PHIL. As a balance, therefore, to this weight of prejudice, let us throw into the scale the great advantages that arise from the belief of Immaterialism, both in regard to religion and human learning. The being of a God, and incorruptibility of the soul, those great articles of religion, are they not proved with the clearest and most immediate evidence? When I say the being of a God, I do not mean an obscure general Cause of things, whereof we have no conception, but God, in the strict and proper sense of the word. A Being whose spirituality, omnipresence, providence, omniscience, infinite power and goodness, are as conspicuous as the existence of sensible things, of which (notwithstanding the fallacious pretences and affected scruples of Sceptics) there is no more reason to doubt than of our own being.—Then, with relation to human sciences. In Natural Philosophy, what intricacies, what obscurities, what contradictions hath the belief of Matter led men into! To say nothing of the numberless disputes about its extent, continuity, homogeneity, gravity, divisibility, &c.—do they not pretend to explain all things by bodies operating on bodies, according to the laws of motion? and yet, are they able to comprehend how one body should move another? Nay, admitting there was no difficulty in reconciling the notion of an inert being with a cause, or in conceiving how an accident might pass from one body to another; yet, by all their strained thoughts and extravagant suppositions, have they been able to reach the MECHANICAL production of any one animal or vegetable body? Can they account, by the laws of motion, for sounds, tastes, smells, or colours; or for the regular course of things? Have they accounted, by physical principles, for the aptitude and contrivance even of the most inconsiderable parts of the universe? But, laying aside Matter and corporeal, causes, and

admitting only the efficiency of an All-perfect Mind, are not all the effects of nature easy and intelligible? If the PHENOMENA are nothing else but IDEAS; God is a SPIRIT, but Matter an unintelligent, unperceiving being. If they demonstrate an unlimited power in their cause; God is active and omnipotent, but Matter an inert mass. If the order, regularity, and usefulness of them can never be sufficiently admired; God is infinitely wise and provident, but Matter destitute of all contrivance and design. These surely are great advantages in PHYSICS. Not to mention that the apprehension of a distant Deity naturally disposes men to a negligence in their moral actions; which they would be more cautious of, in case they thought Him immediately present, and acting on their minds, without the interposition of Matter, or unthinking second causes.—Then in METAPHYSICS: what difficulties concerning entity in abstract, substantial forms, hylarchic principles, plastic natures, substance and accident, principle of individuation, possibility of Matter's thinking, origin of ideas, the manner how two independent substances so widely different as SPIRIT AND MATTER, should mutually operate on each other? what difficulties, I say, and endless disquisitions, concerning these and innumerable other the like points, do we escape, by supposing only Spirits and ideas?—Even the MATHEMATICS themselves, if we take away the absolute existence of extended things, become much more clear and easy; the most shocking paradoxes and intricate speculations in those sciences depending on the infinite divisibility of finite extension; which depends on that supposition—But what need is there to insist on the particular sciences? Is not that opposition to all science whatsoever, that frenzy of the ancient and modern Sceptics, built on the same foundation? Or can you produce so much as one argument against the reality of corporeal things, or in behalf of that avowed utter ignorance of their natures, which doth not suppose their reality to consist in an external absolute existence? Upon this supposition, indeed, the objections from the change of colours in a pigeon's neck, or the appearance of the broken oar in the water, must be allowed to have weight. But these and the like objections vanish, if we do

not maintain the being of absolute external originals, but place the reality of things in ideas, fleeting indeed, and changeable;—however, not changed at random, but according to the fixed order of nature. For, herein consists that constancy and truth of things which secures all the concerns of life, and distinguishes that which is real from the IRREGULAR VISIONS of the fancy.

HYL. I agree to all you have now said, and must own that nothing can incline me to embrace your opinion more than the advantages I see it is attended with. I am by nature lazy; and this would be a mighty abridgment in knowledge. What doubts, what hypotheses, what labyrinths of amusement, what fields of disputation, what an ocean of false learning, may be avoided by that single notion of IMMATERIALISM!

PHIL. After all, is there anything farther remaining to be done? You may remember you promised to embrace that opinion which upon examination should appear most agreeable to Common Sense and remote from Scepticism. This, by your own confession, is that which denies Matter, or the ABSOLUTE existence of corporeal things. Nor is this all; the same notion has been proved several ways, viewed in different lights, pursued in its consequences, and all objections against it cleared. Can there be a greater evidence of its truth? or is it possible it should have all the marks of a true opinion and yet be false?

HYL. I own myself entirely satisfied for the present in all respects. But, what security can I have that I shall still continue the same full assent to your opinion, and that no unthought-of objection or difficulty will occur hereafter?

PHIL. Pray, Hylas, do you in other cases, when a point is once evidently proved, withhold your consent on account of objections or difficulties it may be liable to? Are the difficulties that attend the doctrine of incommensurable quantities, of the angle of contact, of the asymptotes to curves, or the like, sufficient to make you hold out against mathematical demonstration? Or will you disbelieve the Providence of God, because there may be some particular things which you know not how to reconcile with it? If there are difficulties

ATTENDING IMMATERIALISM, there are at the same time direct and evident proofs of it. But for the existence of Matter there is not one proof, and far more numerous and insurmountable objections lie against it. But where are those mighty difficulties you insist on? Alas! you know not where or what they are; something which may possibly occur hereafter. If this be a sufficient pretence for withholding your full assent, you should never yield it to any proposition, how free soever from exceptions, how clearly and solidly soever demonstrated.

HYL. You have satisfied me, Philonous.

PHIL. But, to arm you against all future objections, do but consider: That which bears equally hard on two contradictory opinions can be proof against neither. Whenever, therefore, any difficulty occurs, try if you can find a solution for it on the hypothesis of the MATERIALISTS. Be not deceived by words; but sound your own thoughts. And in case you cannot conceive it easier by the help of MATERIALISM, it is plain it can be no objection against IMMATERIALISM. Had you proceeded all along by this rule, you would probably have spared yourself abundance of trouble in objecting; since of all your difficulties I challenge you to shew one that is explained by Matter: nay, which is not more unintelligible with than without that supposition; and consequently makes rather AGAINST than FOR it. You should consider, in each particular, whether the difficulty arises from the NON-EXISTENCE OF MATTER. If it doth not, you might as well argue from the infinite divisibility of extension against the Divine prescience, as from such a difficulty against IMMATERIALISM. And yet, upon recollection, I believe you will find this to have been often, if not always, the case. You should likewise take heed not to argue on a PETITIO PRINCIPII. One is apt to say—The unknown substances ought to be esteemed real things, rather than the ideas in our minds: and who can tell but the unthinking external substance may concur, as a cause or instrument, in the productions of our ideas? But is not this proceeding on a supposition that there are such external substances? And to suppose this, is it not begging the question? But,

above all things, you should beware of imposing on yourself by that vulgar sophism which is called IGNORATIO ELENCHI. You talked often as if you thought I maintained the non-existence of Sensible Things. Whereas in truth no one can be more thoroughly assured of their existence than I am. And it is you who doubt; I should have said, positively deny it. Everything that is seen, felt, heard, or any way perceived by the senses, is, on the principles I embrace, a real being; but not on yours. Remember, the Matter you contend for is an Unknown Somewhat (if indeed it may be termed SOMEWHAT), which is quite stripped of all sensible qualities, and can neither be perceived by sense, nor apprehended by the mind. Remember I say, that it is not any object which is hard or soft, hot or cold, blue or white, round or square, &c. For all these things I affirm do exist. Though indeed I deny they have an existence distinct from being perceived; or that they exist out of all minds whatsoever. Think on these points; let them be attentively considered and still kept in view. Otherwise you will not comprehend the state of the question; without which your objections will always be wide of the mark, and, instead of mine, may possibly be directed (as more than once they have been) against your own notions.

HYL. I must needs own, Philonous, nothing seems to have kept me from agreeing with you more than this same MISTAKING THE QUESTION. In denying Matter, at first glimpse I am tempted to imagine you deny the things we see and feel: but, upon reflexion, find there is no ground for it. What think you, therefore, of retaining the name MATTER, and applying it to SENSIBLE THINGS? This may be done without any change in your sentiments: and, believe me, it would be a means of reconciling them to some persons who may be more shocked at an innovation in words than in opinion.

PHIL. With all my heart: retain the word MATTER, and apply it to the objects of sense, if you please; provided you do not attribute to them any subsistence distinct from their being perceived. I shall never quarrel with you for an expression. MATTER, or MATERIAL SUBSTANCE, are terms introduced by philosophers; and, as used by them, imply a sort of independency, or a subsistence distinct from

being perceived by a mind: but are never used by common people; or, if ever, it is to signify the immediate objects of sense. One would think, therefore, so long as the names of all particular things, with the TERMS SENSIBLE, SUBSTANCE, BODY, STUFF, and the like, are retained, the word MATTER should be never missed in common talk. And in philosophical discourses it seems the best way to leave it quite out: since there is not, perhaps, any one thing that hath more favoured and strengthened the depraved bent of the mind towards Atheism than the use of that general confused term.

HYL. Well but, Philonous, since I am content to give up the notion of an unthinking substance exterior to the mind, I think you ought not to deny me the privilege of using the word MATTER as I please, and annexing it to a collection of sensible qualities subsisting only in the mind. I freely own there is no other substance, in a strict sense, than SPIRIT. But I have been so long accustomed to the term MATTER that I know not how to part with it: to say, there is no MATTER in the world, is still shocking to me. Whereas to say—There is no MATTER, if by that term be meant an unthinking substance existing without the mind; but if by MATTER is meant some sensible thing, whose existence consists in being perceived, then there is MATTER:—THIS distinction gives it quite another turn; and men will come into your notions with small difficulty, when they are proposed in that manner. For, after all, the controversy about MATTER in the strict acceptance of it, lies altogether between you and the philosophers: whose principles, I acknowledge, are not near so natural, or so agreeable to the common sense of mankind, and Holy Scripture, as yours. There is nothing we either desire or shun but as it makes, or is apprehended to make, some part of our happiness or misery. But what hath happiness or misery, joy or grief, pleasure or pain, to do with Absolute Existence; or with unknown entities, ABSTRACTED FROM ALL RELATION TO US? It is evident, things regard us only as they are pleasing or displeasing: and they can please or displease only so far forth as they are perceived. Farther, therefore, we are not concerned; and thus far you leave things as you found them. Yet still there is something new in this

doctrine. It is plain, I do not now think with the Philosophers; nor yet altogether with the vulgar. I would know how the case stands in that respect; precisely, what you have added to, or altered in my former notions.

PHIL. I do not pretend to be a setter-up of new notions. My endeavours tend only to unite, and place in a clearer light, that truth which was before shared between the vulgar and the philosophers:—the former being of opinion, that **THOSE THINGS THEY IMMEDIATELY PERCEIVE ARE THE REAL THINGS**; and the latter, that **THE THINGS IMMEDIATELY PERCEIVED ARE IDEAS, WHICH EXIST ONLY IN THE MIND**. Which two notions put together, do, in effect, constitute the substance of what I advance.

HYL. I have been a long time distrusting my senses: methought I saw things by a dim light and through false glasses. Now the glasses are removed and a new light breaks in upon my understanding. I am clearly convinced that I see things in their native forms, and am no longer in pain about their **UNKNOWN NATURES OR ABSOLUTE EXISTENCE**. This is the state I find myself in at present; though, indeed, the course that brought me to it I do not yet thoroughly comprehend. You set out upon the same principles that Academics, Cartesians, and the like sects usually do; and for a long time it looked as if you were advancing their philosophical Scepticism: but, in the end, your conclusions are directly opposite to theirs.

PHIL. You see, Hylas, the water of yonder fountain, how it is forced upwards, in a round column, to a certain height; at which it breaks, and falls back into the basin from whence it rose: its ascent, as well as descent, proceeding from the same uniform law or principle of **GRAVITATION**. just so, the same Principles which, at first view, lead to Scepticism, pursued to a certain point, bring men back to Common Sense.

## 36. David Hume



Soon after completing his studies at Edinburgh, Scottish philosopher David Hume began writing his comprehensive statement of the views he believed would contribute to philosophy no less than Newton's had to science. But the public reception for the three books of his magisterial [TREATISE OF HUMAN NATURE](#) (1739) was less than cordial, and Hume abandoned his hopes of a philosophical career in order to support his family as a librarian, historian, diplomat, and political essayist, a course of action he described in the autobiographical [MY OWN LIFE](#) (1776). Hume's [ESSAYS MORAL AND POLITICAL](#) (1741-1742) found some success, and the multi-volume [HISTORY OF ENGLAND](#) (1754-1762) finally secured the modest livelihood for which he had hoped. Although he spent most of his life trying to produce more effective statements of his philosophical views, he did not live to see the firm establishment of his reputation by the criticisms of [Kant](#) and much later appreciation of the [logical positivists](#).

The central themes of Book I of the [TREATISE](#) receive a somewhat more accessible treatment in [AN ENQUIRY CONCERNING HUMAN UNDERSTANDING](#) (1748), a more popular

summary of Hume's [empiricism](#). According to Hume, little human knowledge can be derived from the deductively certain [relations of ideas](#). Since the causal interactions of physical objects are known to us only as inherently uncertain [matters of fact](#), Hume argued, our belief that they exhibit



any [necessary connection](#) (however explicable) can never be rationally justified, but must be acknowledged to rest only upon our acquired [habits](#). In similar fashion, Hume argued that we cannot justify our natural beliefs in the reality of the [self](#) or the [existence](#) of an [external world](#). From all of this, he concluded that a severe (if mitigated) [skepticism](#) is the only defensible view of the world.



Hume recast the moral philosophy of the TREATISE's Book III in AN ENQUIRY CONCERNING THE PRINCIPLES OF MORALS (1751). In both texts Hume clearly maintained that human agency and moral obligation are best considered as [functions of human passions](#) rather than as the [dictates of reason](#). In the posthumously published [DIALOGUES CONCERNING NATURAL RELIGION](#) (1780), Hume discussed the possibility of arriving at certain [knowledge of god](#) through the application of reason and considered defense of a [fideistic alternative](#).

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**Recommended Reading: Primary sources:**

- David Hume, *PHILOSOPHICAL WORKS*, ed. by T. H. Green and T. H. Grose (Longmans, Green, 1874-1875)
- David Hume, *A TREATISE OF HUMAN NATURE*, ed. by Ernest C. Mossner (Viking, 1986)
- David Hume, *AN ENQUIRY CONCERNING HUMAN UNDERSTANDING*, ed. by Anthony Flew (0812690540)
- David Hume, *AN ENQUIRY CONCERNING THE PRINCIPLES OF MORALS* (Free Press, 1966)
- David Hume, *DIALOGUES CONCERNING NATURAL RELIGION*, ed. by Martin Bell (Penguin, 1990)

**Secondary sources:**

- *THE CAMBRIDGE COMPANION TO HUME*, ed. by David Fate Norton (Cambridge, 1993)
- *FEMINIST INTERPRETATIONS OF DAVID HUME*, ed. by Anne Jaap Jacobson (Penn. State, 2000)
- Jonathan Bennett, *LOCKE, BERKELEY, HUME: CENTRAL THEMES* (Oxford, 1971)
- *THE NEW HUME DEBATE*, ed. by Rupert Read and Kenneth Richman (Routledge, 2000)
- Anthony Quinton, *HUME* (Routledge, 1999)
- Donald W. Livingston, *HUME'S PHILOSOPHY OF COMMON LIFE* (Chicago, 1984)
- Barry Stroud, *HUME* (Routledge, 1981)
- Terence Penelhum, *DAVID HUME: AN INTRODUCTION TO HIS PHILOSOPHICAL SYSTEM* (Purdue, 1992)
- George Dicker, *HUME'S EPISTEMOLOGY AND METAPHYSICS: AN INTRODUCTION* (Routledge, 1998)
- H. O. Mounce, *HUME'S NATURALISM* (Routledge, 1999)
- Louis E. Loeb, *STABILITY AND JUSTIFICATION IN HUME'S TREATISE* (Oxford, 2002)
- Harold W. Noonan, *ROUTLEDGE PHILOSOPHY GUIDEBOOK TO HUME ON KNOWLEDGE* (Routledge, 1999)
- *HUME'S MORAL AND POLITICAL PHILOSOPHY*, ed. by Henry David Aiken (Free Press, 1975)
- James Baillie, *ROUTLEDGE PHILOSOPHY GUIDEBOOK TO HUME ON MORALITY* (Routledge, 2000)
- Dabney Townsend, *HUME'S AESTHETIC THEORY: SENTIMENT AND TASTE IN THE HISTORY OF AESTHETICS* (Routledge, 2001)
- David O'Connor, *ROUTLEDGE PHILOSOPHY GUIDEBOOK TO HUME ON RELIGION* (Routledge, 2001)

**Additional on-line information about Hume includes:**

- articles in *The Stanford Encyclopedia of Philosophy* on:
  - [Hume](#) by William Edward Morris.
  - [Kant and Hume on causality](#) by Graciela De Pierris and Michael

- 
- Friedman.
- [Hume on free will](#) by Paul Russell.
  - [Hume's moral philosophy](#) by Rachel Cohon.
  - [Hume's aesthetics](#) by Ted Gracyk.
  - [Hume on religion](#) by Paul Russell.
  - The full article available at [Encyclopædia Britannica Online](#).
  - The thorough collection of resources at [EpistemeLinks.com](#).
  - An article in [The Internet Encyclopedia of Philosophy](#).
  - A section on Hume from [Alfred Weber's](#) history of philosophy.
  - Marcia L. Homiak's discussion of [Hume's Ethics](#).
  - A paper on [Hume's Construal of the Virtues](#) by James Fieser.
-

# 37. David Hume: An Enquiry Concerning Human Understanding (Section 2--"Of the Origin of Ideas")

## SECTION II

### OF THE ORIGIN OF IDEAS.

11. Every one will readily allow, that there is a considerable difference between the perceptions of the mind, when a man feels the pain of excessive heat, or the pleasure of moderate warmth, and when he afterwards recalls to his memory this sensation, or anticipates it by his imagination. These faculties may mimic or copy the perceptions of the senses; but they never can entirely reach the force and vivacity of the original sentiment. The utmost we say of them, even when they operate with greatest vigour, is, that they represent their object in so lively a manner, that we could *almost* say we feel or see it: But, except the mind be disordered by disease or madness, they never can arrive at such a pitch of vivacity, as to render these perceptions altogether undistinguishable. All the colours of poetry, however splendid, can never paint natural objects in such a manner as to make the description be taken for a real landskip. The most lively thought is still inferior to the dullest sensation.

We may observe a like distinction to run through all the other perceptions of the mind. A man in a fit of anger, is actuated in a very different manner from one who only thinks of that emotion. If you tell me, that any person is in love, I easily understand your

meaning, and form a just conception of his situation; but never can mistake that conception for the real disorders and agitations of the passion. When we reflect on our past sentiments and affections, our thought is a faithful mirror, and copies its objects truly; but the colours which it employs are faint and dull, in comparison of those in which our original perceptions were clothed. It requires no nice discernment or metaphysical head to mark the distinction between them.

12. Here therefore we may divide all the perceptions of the mind into two classes or species, which are distinguished by their different degrees of force and vivacity. The less forcible and lively are commonly denominated *Thoughts* or *Ideas*. The other species want a name in our language, and in most others; I suppose, because it was not requisite for any, but philosophical purposes, to rank them under a general term or appellation. Let us, therefore, use a little freedom, and call them *Impressions*; employing that word in a sense somewhat different from the usual. By the term *impression*, then, I mean all our more lively perceptions, when we hear, or see, or feel, or love, or hate, or desire, or will. And impressions are distinguished from ideas, which are the less lively perceptions, of which we are conscious, when we reflect on any of those sensations or movements above mentioned.

13. Nothing, at first view, may seem more unbounded than the thought of man, which not only escapes all human power and authority, but is not even restrained within the limits of nature and reality. To form monsters, and join incongruous shapes and appearances, costs the imagination no more trouble than to conceive the most natural and familiar objects. And while the body is confined to one planet, along which it creeps with pain and difficulty; the thought can in an instant transport us into the most distant regions of the universe; or even beyond the universe, into the unbounded chaos, where nature is supposed to lie in total confusion. What never was seen, or heard of, may yet be conceived; nor is any thing beyond the power of thought, except what implies an absolute contradiction.

But though our thought seems to possess this unbounded liberty, we shall find, upon a nearer examination, that it is really confined within very narrow limits, and that all this creative power of the mind amounts to no more than the faculty of compounding, transposing, augmenting, or diminishing the materials afforded us by the senses and experience. When we think of a golden mountain, we only join two consistent ideas, *gold*, and *mountain*, with which we were formerly acquainted. A virtuous horse we can conceive; because, from our own feeling, we can conceive virtue; and this we may unite to the figure and shape of a horse, which is an animal familiar to us. In short, all the materials of thinking are derived either from our outward or inward sentiment: the mixture and composition of these belongs alone to the mind and will. Or, to express myself in philosophical language, all our ideas or more feeble perceptions are copies of our impressions or more lively ones.

14. To prove this, the two following arguments will, I hope, be sufficient. First, when we analyze our thoughts or ideas, however compounded or sublime, we always find that they resolve themselves into such simple ideas as were copied from a precedent feeling or sentiment. Even those ideas, which, at first view, seem the most wide of this origin, are found, upon a nearer scrutiny, to be derived from it. The idea of God, as meaning an infinitely intelligent, wise, and good Being, arises from reflecting on the operations of our own mind, and augmenting, without limit, those qualities of goodness and wisdom. We may prosecute this enquiry to what length we please; where we shall always find, that every idea which we examine is copied from a similar impression. Those who would assert that this position is not universally true nor without exception, have only one, and that an easy method of refuting it; by producing that idea, which, in their opinion, is not derived from this source. It will then be incumbent on us, if we would maintain our doctrine, to produce the impression, or lively perception, which corresponds to it.

15. Secondly. If it happen, from a defect of the organ, that a man

is not susceptible of any species of sensation, we always find that he is as little susceptible of the correspondent ideas. A blind man can form no notion of colours; a deaf man of sounds. Restore either of them that sense in which he is deficient; by opening this new inlet for his sensations, you also open an inlet for the ideas; and he finds no difficulty in conceiving these objects. The case is the same, if the object, proper for exciting any sensation, has never been applied to the organ. A Laplander or Negro has no notion of the relish of wine. And though there are few or no instances of a like deficiency in the mind, where a person has never felt or is wholly incapable of a sentiment or passion that belongs to his species; yet we find the same observation to take place in a less degree. A man of mild manners can form no idea of inveterate revenge or cruelty; nor can a selfish heart easily conceive the heights of friendship and generosity. It is readily allowed, that other beings may possess many senses of which we can have no conception; because the ideas of them have never been introduced to us in the only manner by which an idea can have access to the mind, to wit, by the actual feeling and sensation.

16. There is, however, one contradictory phenomenon, which may prove that it is not absolutely impossible for ideas to arise, independent of their correspondent impressions. I believe it will readily be allowed, that the several distinct ideas of colour, which enter by the eye, or those of sound, which are conveyed by the ear, are really different from each other; though, at the same time, resembling. Now if this be true of different colours, it must be no less so of the different shades of the same colour; and each shade produces a distinct idea, independent of the rest. For if this should be denied, it is possible, by the continual gradation of shades, to run a colour insensibly into what is most remote from it; and if you will not allow any of the means to be different, you cannot, without absurdity, deny the extremes to be the same. Suppose, therefore, a person to have enjoyed his sight for thirty years, and to have become perfectly acquainted with colours of all kinds except one particular shade of blue, for instance, which it never has been his

fortune to meet with. Let all the different shades of that colour, except that single one, be placed before him, descending gradually from the deepest to the lightest; it is plain that he will perceive a blank, where that shade is wanting, and will be sensible that there is a greater distance in that place between the contiguous colours than in any other. Now I ask, whether it be possible for him, from his own imagination, to supply this deficiency, and raise up to himself the idea of that particular shade, though it had never been conveyed to him by his senses? I believe there are few but will be of opinion that he can: and this may serve as a proof that the simple ideas are not always, in every instance, derived from the correspondent impressions; though this instance is so singular, that it is scarcely worth our observing, and does not merit that for it alone we should alter our general maxim.

17. Here, therefore, is a proposition, which not only seems, in itself, simple and intelligible; but, if a proper use were made of it, might render every dispute equally intelligible, and banish all that jargon, which has so long taken possession of metaphysical reasonings, and drawn disgrace upon them. All ideas, especially abstract ones, are naturally faint and obscure: the mind has but a slender hold of them: they are apt to be confounded with other resembling ideas; and when we have often employed any term, though without a distinct meaning, we are apt to imagine it has a determinate idea annexed to it. On the contrary, all impressions, that is, all sensations, either outward or inward, are strong and vivid: the limits between them are more exactly determined: nor is it easy to fall into any error or mistake with regard to them. When we entertain, therefore, any suspicion that a philosophical term is employed without any meaning or idea (as is but too frequent), we need but enquire, *from what impression is that supposed idea derived?* And if it be impossible to assign any, this will serve to confirm our suspicion. By bringing ideas into so clear a light we may reasonably hope to remove all dispute, which may arise, concerning their nature and reality.<sup>1</sup>

# 38. David Hume: An Enquiry Concerning Human Understanding (Section 3--"Of the Association of Ideas")

## SECTION III.

### OF THE ASSOCIATION OF IDEAS.

18. It is evident that there is a principle of connexion between the different thoughts or ideas of the mind, and that, in their appearance to the memory or imagination, they introduce each other with a certain degree of method and regularity. In our more serious thinking or discourse this is so observable that any particular thought, which breaks in upon the regular tract or chain of ideas, is immediately remarked and rejected. And even in our wildest and most wandering reveries, nay in our very dreams, we shall find, if we reflect, that the imagination ran not altogether at adventures, but that there was still a connexion upheld among the different ideas, which succeeded each other. Were the loosest and freest conversation to be transcribed, there would immediately be observed something which connected it in all its transitions. Or where this is wanting, the person who broke the thread of discourse might still inform you, that there had secretly revolved in his mind a succession of thought, which had gradually led him from the

subject of conversation. Among different languages, even where we cannot suspect the least connexion or communication, it is found, that the words, expressive of ideas, the most compounded, do yet nearly correspond to each other: a certain proof that the simple ideas, comprehended in the compound ones, were bound together by some universal principle, which had an equal influence on all mankind.

19. Though it be too obvious to escape observation, that different ideas are connected together; I do not find that any philosopher has attempted to enumerate or class all the principles of association; a subject, however, that seems worthy of curiosity. To me, there appear to be only three principles of connexion among ideas, namely, *Resemblance*, *Contiguity* in time or place, and *Cause or Effect*.

That these principles serve to connect ideas will not, I believe, be much doubted. A picture naturally leads our thoughts to the original<sup>2</sup>: the mention of one apartment in a building naturally introduces an enquiry or discourse concerning the others<sup>3</sup>: and if we think of a wound, we can scarcely forbear reflecting on the pain which follows it<sup>4</sup>. But that this enumeration is complete, and that there are no other principles of association except these, may be difficult to prove to the satisfaction of the reader, or even to a man's own satisfaction. All we can do, in such cases, is to run over several instances, and examine carefully the principle which binds the different thoughts to each other, never stopping till we render the principle as general as possible<sup>5</sup>. The more instances we examine, and the more care we employ, the more assurance shall we acquire, that the enumeration, which we form from the whole, is complete and entire.

# 39. David Hume: An Enquiry Concerning Human Understanding (Part 7–“Of the Idea of Necessary Connection”)

## SECTION VII.

### OF THE IDEA OF NECESSARY CONNEXION.

#### *PART I.*

48. The great advantage of the mathematical sciences above the moral consists in this, that the ideas of the former, being sensible, are always clear and determinate, the smallest distinction between them is immediately perceptible, and the same terms are still expressive of the same ideas, without ambiguity or variation. An oval is never mistaken for a circle, nor an hyperbola for an ellipsis. The isosceles and scalenum are distinguished by boundaries more exact than vice and virtue, right and wrong. If any term be defined in geometry, the mind readily, of itself, substitutes, on all occasions, the definition for the term defined: Or even when no definition is employed, the object itself may be presented to the senses, and by that means be steadily and clearly apprehended. But the finer sentiments of the mind, the operations of the understanding, the various agitations of the passions, though really in themselves

distinct, easily escape us, when surveyed by reflection; nor is it in our power to recal the original object, as often as we have occasion to contemplate it. Ambiguity, by this means, is gradually introduced into our reasonings: Similar objects are readily taken to be the same: And the conclusion becomes at last very wide of the premises.

One may safely, however, affirm, that, if we consider these sciences in a proper light, their advantages and disadvantages nearly compensate each other, and reduce both of them to a state of equality. If the mind, with greater facility, retains the ideas of geometry clear and determinate, it must carry on a much longer and more intricate chain of reasoning, and compare ideas much wider of each other, in order to reach the abstruser truths of that science. And if moral ideas are apt, without extreme care, to fall into obscurity and confusion, the inferences are always much shorter in these disquisitions, and the intermediate steps, which lead to the conclusion, much fewer than in the sciences which treat of quantity and number. In reality, there is scarcely a proposition in Euclid so simple, as not to consist of more parts, than are to be found in any moral reasoning which runs not into chimera and conceit. Where we trace the principles of the human mind through a few steps, we may be very well satisfied with our progress; considering how soon nature throws a bar to all our enquiries concerning causes, and reduces us to an acknowledgment of our ignorance. The chief obstacle, therefore, to our improvement in the moral or metaphysical sciences is the obscurity of the ideas, and ambiguity of the terms. The principal difficulty in the mathematics is the length of inferences and compass of thought, requisite to the forming of any conclusion. And, perhaps, our progress in natural philosophy is chiefly retarded by the want of proper experiments and phaenomena, which are often discovered by chance, and cannot always be found, when requisite, even by the most diligent and prudent enquiry. As moral philosophy seems hitherto to have received less improvement than either geometry or physics, we may conclude, that, if there be any difference in this respect among

these sciences, the difficulties, which obstruct the progress of the former, require superior care and capacity to be surmounted.

49. There are no ideas, which occur in metaphysics, more obscure and uncertain, than those of *power, force, energy* or *necessary connexion*, of which it is every moment necessary for us to treat in all our disquisitions. We shall, therefore, endeavour, in this section, to fix, if possible, the precise meaning of these terms, and thereby remove some part of that obscurity, which is so much complained of in this species of philosophy.

It seems a proposition, which will not admit of much dispute, that all our ideas are nothing but copies of our impressions, or, in other words, that it is impossible for us to *think* of any thing, which we have not antecedently *felt*, either by our external or internal senses. I have endeavoured<sup>10</sup> to explain and prove this proposition, and have expressed my hopes, that, by a proper application of it, men may reach a greater clearness and precision in philosophical reasonings, than what they have hitherto been able to attain. Complex ideas may, perhaps, be well known by definition, which is nothing but an enumeration of those parts or simple ideas, that compose them. But when we have pushed up definitions to the most simple ideas, and find still some ambiguity and obscurity; what resource are we then possessed of? By what invention can we throw light upon these ideas, and render them altogether precise and determinate to our intellectual view? Produce the impressions or original sentiments, from which the ideas are copied. These impressions are all strong and sensible. They admit not of ambiguity. They are not only placed in a full light themselves, but may throw light on their correspondent ideas, which lie in obscurity. And by this means, we may, perhaps, attain a new microscope or species of optics, by which, in the moral sciences, the most minute, and most simple ideas may be so enlarged as to fall readily under our apprehension, and be equally known with the grossest and most sensible ideas, that can be the object of our enquiry.

50. To be fully acquainted, therefore, with the idea of power or necessary connexion, let us examine its impression; and in order to

find the impression with greater certainty, let us search for it in all the sources, from which it may possibly be derived.

When we look about us towards external objects, and consider the operation of causes, we are never able, in a single instance, to discover any power or necessary connexion; any quality, which binds the effect to the cause, and renders the one an infallible consequence of the other. We only find, that the one does actually, in fact, follow the other. The impulse of one billiard-ball is attended with motion in the second. This is the whole that appears to the *outwardsenses*. The mind feels no sentiment or *inward* impression from this succession of objects: Consequently, there is not, in any single, particular instance of cause and effect, any thing which can suggest the idea of power or necessary connexion.

From the first appearance of an object, we never can conjecture what effect will result from it. But were the power or energy of any cause discoverable by the mind, we could foresee the effect, even without experience; and might, at first, pronounce with certainty concerning it, by mere dint of thought and reasoning.

In reality, there is no part of matter, that does ever, by its sensible qualities, discover any power or energy, or give us ground to imagine, that it could produce any thing, or be followed by any other object, which we could denominate its effect. Solidity, extension, motion; these qualities are all complete in themselves, and never point out any other event which may result from them. The scenes of the universe are continually shifting, and one object follows another in an uninterrupted succession; but the power of force, which actuates the whole machine, is entirely concealed from us, and never discovers itself in any of the sensible qualities of body. We know, that, in fact, heat is a constant attendant of flame; but what is the connexion between them, we have no room so much as to conjecture or imagine. It is impossible, therefore, that the idea of power can be derived from the contemplation of bodies, in single instances of their operation; because no bodies ever discover any power, which can be the original of this idea.<sup>11</sup>

51. Since, therefore, external objects as they appear to the senses, give us no idea of power or necessary connexion, by their operation in particular instances, let us see, whether this idea be derived from reflection on the operations of our own minds, and be copied from any internal impression. It may be said, that we are every moment conscious of internal power; while we feel, that, by the simple command of our will, we can move the organs of our body, or direct the faculties of our mind. An act of volition produces motion in our limbs, or raises a new idea in our imagination. This influence of the will we know by consciousness. Hence we acquire the idea of power or energy; and are certain, that we ourselves and all other intelligent beings are possessed of power. This idea, then, is an idea of reflection, since it arises from reflecting on the operations of our own mind, and on the command which is exercised by will, both over the organs of the body and faculties of the soul.

52. We shall proceed to examine this pretension; and first with regard to the influence of volition over the organs of the body. This influence, we may observe, is a fact, which, like all other natural events, can be known only by experience, and can never be foreseen from any apparent energy or power in the cause, which connects it with the effect, and renders the one an infallible consequence of the other. The motion of our body follows upon the command of our will. Of this we are every moment conscious. But the means, by which this is effected; the energy, by which the will performs so extraordinary an operation; of this we are so far from being immediately conscious, that it must for ever escape our most diligent enquiry.

For *first*; is there any principle in all nature more mysterious than the union of soul with body; by which a supposed spiritual substance acquires such an influence over a material one, that the most refined thought is able to actuate the grossest matter? Were we empowered, by a secret wish, to remove mountains, or control the planets in their orbit; this extensive authority would not be more extraordinary, nor more beyond our comprehension. But if by consciousness we perceived any power or energy in the will, we

must know this power; we must know its connexion with the effect; we must know the secret union of soul and body, and the nature of both these substances; by which the one is able to operate, in so many instances, upon the other.

*Secondly*, We are not able to move all the organs of the body with a like authority; though we cannot assign any reason besides experience, for so remarkable a difference between one and the other. Why has the will an influence over the tongue and fingers, not over the heart or liver? This question would never embarrass us, were we conscious of a power in the former case, not in the latter. We should then perceive, independent of experience, why the authority of will over the organs of the body is circumscribed within such particular limits. Being in that case fully acquainted with the power or force, by which it operates, we should also know, why its influence reaches precisely to such boundaries, and no farther.

A man, suddenly struck with palsy in the leg or arm, or who had newly lost those members, frequently endeavours, at first to move them, and employ them in their usual offices. Here he is as much conscious of power to command such limbs, as a man in perfect health is conscious of power to actuate any member which remains in its natural state and condition. But consciousness never deceives. Consequently, neither in the one case nor in the other, are we ever conscious of any power. We learn the influence of our will from experience alone. And experience only teaches us, how one event constantly follows another; without instructing us in the secret connexion, which binds them together, and renders them inseparable.

*Thirdly*, We learn from anatomy, that the immediate object of power in voluntary motion, is not the member itself which is moved, but certain muscles, and nerves, and animal spirits, and, perhaps, something still more minute and more unknown, through which the motion is successively propagated, ere it reach the member itself whose motion is the immediate object of volition. Can there be a more certain proof, that the power, by which this whole operation is performed, so far from being directly and fully known by an

inward sentiment or consciousness, is, to the last degree mysterious and unintelligible? Here the mind wills a certain event: Immediately another event, unknown to ourselves, and totally different from the one intended, is produced: This event produces another, equally unknown: Till at last, through a long succession, the desired event is produced. But if the original power were felt, it must be known: Were it known, its effect also must be known; since all power is relative to its effect. And *vice versa*, if the effect be not known, the power cannot be known nor felt. How indeed can we be conscious of a power to move our limbs, when we have no such power; but only that to move certain animal spirits, which, though they produce at last the motion of our limbs, yet operate in such a manner as is wholly beyond our comprehension?

We may, therefore, conclude from the whole, I hope, without any temerity, though with assurance; that our idea of power is not copied from any sentiment or consciousness of power within ourselves, when we give rise to animal motion, or apply our limbs to their proper use and office. That their motion follows the command of the will is a matter of common experience, like other natural events: But the power or energy by which this is effected, like that in other natural events, is unknown and inconceivable.<sup>12</sup>

53. Shall we then assert, that we are conscious of a power or energy in our own minds, when, by an act or command of our will, we raise up a new idea, fix the mind to the contemplation of it, turn it on all sides, and at last dismiss it for some other idea, when we think that we have surveyed it with sufficient accuracy? I believe the same arguments will prove, that even this command of the will gives us no real idea of force or energy.

First, It must be allowed, that, when we know a power, we know that very circumstance in the cause, by which it is enabled to produce the effect: For these are supposed to be synonymous. We must, therefore, know both the cause and effect, and the relation between them. But do we pretend to be acquainted with the nature of the human soul and the nature of an idea, or the aptitude of the one to produce the other? This is a real creation; a production of

something out of nothing: Which implies a power so great, that it may seem, at first sight, beyond the reach of any being, less than infinite. At least it must be owned, that such a power is not felt, nor known, nor even conceivable by the mind. We only feel the event, namely, the existence of an idea, consequent to a command of the will: But the manner, in which this operation is performed, the power by which it is produced, is entirely beyond our comprehension.

*Secondly*, The command of the mind over itself is limited, as well as its command over the body; and these limits are not known by reason, or any acquaintance with the nature of cause and effect, but only by experience and observation, as in all other natural events and in the operation of external objects. Our authority over our sentiments and passions is much weaker than that over our ideas; and even the latter authority is circumscribed within very narrow boundaries. Will any one pretend to assign the ultimate reason of these boundaries, or show why the power is deficient in one case, not in another.

*Thirdly*, This self-command is very different at different times. A man in health possesses more of it than one languishing with sickness. We are more master of our thoughts in the morning than in the evening: Fasting, than after a full meal. Can we give any reason for these variations, except experience? Where then is the power, of which we pretend to be conscious? Is there not here, either in a spiritual or material substance, or both, some secret mechanism or structure of parts, upon which the effect depends, and which, being entirely unknown to us, renders the power or energy of the will equally unknown and incomprehensible?

Volition is surely an act of the mind, with which we are sufficiently acquainted. Reflect upon it. Consider it on all sides. Do you find anything in it like this creative power, by which it raises from nothing a new idea, and with a kind of *Fiat*, imitates the omnipotence of its Maker, if I may be allowed so to speak, who called forth into existence all the various scenes of nature? So far from being conscious of this energy in the will, it requires as certain

experience as that of which we are possessed, to convince us that such extraordinary effects do ever result from a simple act of volition.

54. The generality of mankind never find any difficulty in accounting for the more common and familiar operations of nature—such as the descent of heavy bodies, the growth of plants, the generation of animals, or the nourishment of bodies by food: But suppose that, in all these cases, they perceive the very force or energy of the cause, by which it is connected with its effect, and is for ever infallible in its operation. They acquire, by long habit, such a turn of mind, that, upon the appearance of the cause, they immediately expect with assurance its usual attendant, and hardly conceive it possible that any other event could result from it. It is only on the discovery of extraordinary phaenomena, such as earthquakes, pestilence, and prodigies of any kind, that they find themselves at a loss to assign a proper cause, and to explain the manner in which the effect is produced by it. It is usual for men, in such difficulties, to have recourse to some invisible intelligent principle<sup>13</sup> as the immediate cause of that event which surprises them, and which, they think, cannot be accounted for from the common powers of nature. But philosophers, who carry their scrutiny a little farther, immediately perceive that, even in the most familiar events, the energy of the cause is as unintelligible as in the most unusual, and that we only learn by experience the frequent *Conjunction* of objects, without being ever able to comprehend anything like *Connexion* between them.

55. Here, then, many philosophers think themselves obliged by reason to have recourse, on all occasions, to the same principle, which the vulgar never appeal to but in cases that appear miraculous and supernatural. They acknowledge mind and intelligence to be, not only the ultimate and original cause of all things, but the immediate and sole cause of every event which appears in nature. They pretend that those objects which are commonly denominated *causes*, are in reality nothing but *occasions*; and that the true and direct principle of every effect

is not any power or force in nature, but a volition of the Supreme Being, who wills that such particular objects should for ever be conjoined with each other. Instead of saying that one billiard-ball moves another by a force which it has derived from the author of nature, it is the Deity himself, they say, who, by a particular volition, moves the second ball, being determined to this operation by the impulse of the first ball, in consequence of those general laws which he has laid down to himself in the government of the universe. But philosophers advancing still in their inquiries, discover that, as we are totally ignorant of the power on which depends the mutual operation of bodies, we are no less ignorant of that power on which depends the operation of mind on body, or of body on mind; nor are we able, either from our senses or consciousness, to assign the ultimate principle in one case more than in the other. The same ignorance, therefore, reduces them to the same conclusion. They assert that the Deity is the immediate cause of the union between soul and body; and that they are not the organs of sense, which, being agitated by external objects, produce sensations in the mind; but that it is a particular volition of our omnipotent Maker, which excites such a sensation, in consequence of such a motion in the organ. In like manner, it is not any energy in the will that produces local motion in our members: It is God himself, who is pleased to second our will, in itself impotent, and to command that motion which we erroneously attribute to our own power and efficacy. Nor do philosophers stop at this conclusion. They sometimes extend the same inference to the mind itself, in its internal operations. Our mental vision or conception of ideas is nothing but a revelation made to us by our Maker. When we voluntarily turn our thoughts to any object, and raise up its image in the fancy, it is not the will which creates that idea: It is the universal Creator, who discovers it to the mind, and renders it present to us.

56. Thus, according to these philosophers, every thing is full of God. Not content with the principle, that nothing exists but by his will, that nothing possesses any power but by his concession: They rob nature, and all created beings, of every power, in order to render

their dependence on the Deity still more sensible and immediate. They consider not that, by this theory, they diminish, instead of magnifying, the grandeur of those attributes, which they affect so much to celebrate. It argues surely more power in the Deity to delegate a certain degree of power to inferior creatures than to produce every thing by his own immediate volition. It argues more wisdom to contrive at first the fabric of the world with such perfect foresight that, of itself, and by its proper operation, it may serve all the purposes of providence, than if the great Creator were obliged every moment to adjust its parts, and animate by his breath all the wheels of that stupendous machine.

But if we would have a more philosophical confutation of this theory, perhaps the two following reflections may suffice.

57. *First*, it seems to me that this theory of the universal energy and operation of the Supreme Being is too bold ever to carry conviction with it to a man, sufficiently apprized of the weakness of human reason, and the narrow limits to which it is confined in all its operations. Though the chain of arguments which conduct to it were ever so logical, there must arise a strong suspicion, if not an absolute assurance, that it has carried us quite beyond the reach of our faculties, when it leads to conclusions so extraordinary, and so remote from common life and experience. We are got into fairy land, long ere we have reached the last steps of our theory; and *there* we have no reason to trust our common methods of argument, or to think that our usual analogies and probabilities have any authority. Our line is too short to fathom such immense abysses. And however we may flatter ourselves that we are guided, in every step which we take, by a kind of verisimilitude and experience, we may be assured that this fancied experience has no authority when we thus apply it to subjects that lie entirely out of the sphere of experience. But on this we shall have occasion to touch afterwards.<sup>14</sup>

*Secondly*, I cannot perceive any force in the arguments on which this theory is founded. We are ignorant, it is true, of the manner in which bodies operate on each other: Their force or energy is entirely incomprehensible: But are we not equally ignorant of the

manner or force by which a mind, even the supreme mind, operates either on itself or on body? Whence, I beseech you, do we acquire any idea of it? We have no sentiment or consciousness of this power in ourselves. We have no idea of the Supreme Being but what we learn from reflection on our own faculties. Were our ignorance, therefore, a good reason for rejecting any thing, we should be led into that principle of denying all energy in the Supreme Being as much as in the grossest matter. We surely comprehend as little the operations of one as of the other. Is it more difficult to conceive that motion may arise from impulse than that it may arise from volition? All we know is our profound ignorance in both cases<sup>15</sup>.

## PART II.

58. But to hasten to a conclusion of this argument, which is already drawn out to too great a length: We have sought in vain for an idea of power or necessary connexion in all the sources from which we could suppose it to be derived. It appears that, in single instances of the operation of bodies, we never can, by our utmost scrutiny, discover any thing but one event following another, without being able to comprehend any force or power by which the cause operates, or any connexion between it and its supposed effect. The same difficulty occurs in contemplating the operations of mind on body—where we observe the motion of the latter to follow upon the volition of the former, but are not able to observe or conceive the tie which binds together the motion and volition, or the energy by which the mind produces this effect. The authority of the will over its own faculties and ideas is not a whit more comprehensible: So that, upon the whole, there appears not, throughout all nature, any one instance of connexion which is conceivable by us. All events seem entirely loose and separate. One event follows another; but we never can observe any tie between them. They seem *conjoined*, but never *connected*. And as we can have no idea of any thing which never appeared to our outward sense or inward sentiment, the

necessary conclusion *seems* to be that we have no idea of connexion or power at all, and that these words are absolutely without any meaning, when employed either in philosophical reasonings or common life.

59. But there still remains one method of avoiding this conclusion, and one source which we have not yet examined. When any natural object or event is presented, it is impossible for us, by any sagacity or penetration, to discover, or even conjecture, without experience, what event will result from it, or to carry our foresight beyond that object which is immediately present to the memory and senses. Even after one instance or experiment where we have observed a particular event to follow upon another, we are not entitled to form a general rule, or foretell what will happen in like cases; it being justly esteemed an unpardonable temerity to judge of the whole course of nature from one single experiment, however accurate or certain. But when one particular species of event has always, in all instances, been conjoined with another, we make no longer any scruple of foretelling one upon the appearance of the other, and of employing that reasoning, which can alone assure us of any matter of fact or existence. We then call the one object, *Cause*; the other, *Effect*. We suppose that there is some connexion between them; some power in the one, by which it infallibly produces the other, and operates with the greatest certainty and strongest necessity.

It appears, then, that this idea of a necessary connexion among events arises from a number of similar instances which occur of the constant conjunction of these events; nor can that idea ever be suggested by any one of these instances, surveyed in all possible lights and positions. But there is nothing in a number of instances, different from every single instance, which is supposed to be exactly similar; except only, that after a repetition of similar instances, the mind is carried by habit, upon the appearance of one event, to expect its usual attendant, and to believe that it will exist. This connexion, therefore, which we *feel* in the mind, this customary transition of the imagination from one object to its usual attendant,

is the sentiment or impression from which we form the idea of power or necessary connexion. Nothing farther is in the case. Contemplate the subject on all sides; you will never find any other origin of that idea. This is the sole difference between one instance, from which we can never receive the idea of connexion, and a number of similar instances, by which it is suggested. The first time a man saw the communication of motion by impulse, as by the shock of two billiard balls, he could not pronounce that the one event was *connected*: but only that it was *conjoined* with the other. After he has observed several instances of this nature, he then pronounces them to be *connected*. What alteration has happened to give rise to this new idea of *connexion*? Nothing but that he now *feels* these events to be connected in his imagination, and can readily foretell the existence of one from the appearance of the other. When we say, therefore, that one object is connected with another, we mean only that they have acquired a connexion in our thought, and give rise to this inference, by which they become proofs of each other's existence: A conclusion which is somewhat extraordinary, but which seems founded on sufficient evidence. Nor will its evidence be weakened by any general diffidence of the understanding, or sceptical suspicion concerning every conclusion which is new and extraordinary. No conclusions can be more agreeable to scepticism than such as make discoveries concerning the weakness and narrow limits of human reason and capacity.

60. And what stronger instance can be produced of the surprising ignorance and weakness of the understanding than the present? For surely, if there be any relation among objects which it imports to us to know perfectly, it is that of cause and effect. On this are founded all our reasonings concerning matter of fact or existence. By means of it alone we attain any assurance concerning objects which are removed from the present testimony of our memory and senses. The only immediate utility of all sciences, is to teach us, how to control and regulate future events by their causes. Our thoughts and enquiries are, therefore, every moment, employed about this relation: Yet so imperfect are the ideas which we form

concerning it, that it is impossible to give any just definition of cause, except what is drawn from something extraneous and foreign to it. Similar objects are always conjoined with similar. Of this we have experience. Suitably to this experience, therefore, we may define a cause to be *an object, followed by another, and where all the objects similar to the first are followed by objects similar to the second*. Or in other words *where, if the first object had not been, the second never had existed*. The appearance of a cause always conveys the mind, by a customary transition, to the idea of the effect. Of this also we have experience. We may, therefore, suitably to this experience, form another definition of cause, and call it, *an object followed by another, and whose appearance always conveys the thought to that other*. But though both these definitions be drawn from circumstances foreign to the cause, we cannot remedy this inconvenience, or attain any more perfect definition, which may point out that circumstance in the cause, which gives it a connexion with its effect. We have no idea of this connexion, nor even any distinct notion what it is we desire to know, when we endeavour at a conception of it. We say, for instance, that the vibration of this string is the cause of this particular sound. But what do we mean by that affirmation? We either mean *that this vibration is followed by this sound, and that all similar vibrations have been followed by similar sounds*: Or, *that this vibration is followed by this sound, and that upon the appearance of one the mind anticipates the senses, and forms immediately an idea of the other*. We may consider the relation of cause and effect in either of these two lights; but beyond these, we have no idea of it.<sup>16</sup>

61. To recapitulate, therefore, the reasonings of this section: Every idea is copied from some preceding impression or sentiment; and where we cannot find any impression, we may be certain that there is no idea. In all single instances of the operation of bodies or minds, there is nothing that produces any impression, nor consequently can suggest any idea of power or necessary connexion. But when many uniform instances appear, and the same object is always followed by the same event; we then begin to entertain the notion of

cause and connexion. We then *feel* a new sentiment or impression, to wit, a customary connexion in the thought or imagination between one object and its usual attendant; and this sentiment is the original of that idea which we seek for. For as this idea arises from a number of similar instances, and not from any single instance, it must arise from that circumstance, in which the number of instances differ from every individual instance. But this customary connexion or transition of the imagination is the only circumstance in which they differ. In every other particular they are alike. The first instance which we saw of motion communicated by the shock of two billiard balls (to return to this obvious illustration) is exactly similar to any instance that may, at present, occur to us; except only, that we could not, at first, *infer* one event from the other; which we are enabled to do at present, after so long a course of uniform experience. I know not whether the reader will readily apprehend this reasoning. I am afraid that, should I multiply words about it, or throw it into a greater variety of lights, it would only become more obscure and intricate. In all abstract reasonings there is one point of view which, if we can happily hit, we shall go farther towards illustrating the subject than by all the eloquence and copious expression in the world. This point of view we should endeavour to reach, and reserve the flowers of rhetoric for subjects which are more adapted to them.

# 40. Immanuel Kant's Critical Philosophy

Kant: Synthetic *A Priori* Judgments

*The Critical Philosophy*



**Kant**

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Next we turn to the philosophy of [Immanuel Kant](#), a watershed figure who forever altered the course of philosophical thinking in the Western tradition. Long after his thorough indoctrination into the quasi-scholastic German appreciation of the metaphysical systems of [Leibniz](#) and [Wolff](#), Kant said, it was a careful reading of [David Hume](#) that “interrupted my dogmatic slumbers and gave my investigations in the field of speculative philosophy a quite new direction.” Having appreciated the full force of such [skeptical](#) arguments, Kant supposed that the only adequate response would be a “Copernican Revolution” in philosophy, a recognition that the appearance of the external world depends in some measure upon the position and movement of its observers. This central idea became the basis for his life-long project of developing a critical philosophy that could withstand them.

Kant’s aim was to move beyond the traditional dichotomy

between rationalism and empiricism. The [rationalists](#) had tried to show that we can understand the world by careful use of reason; this guarantees the indubitability of our knowledge but leaves serious questions about its practical content. The [empiricists](#), on the other hand, had argued that all of our knowledge must be firmly grounded in experience; practical content is thus secured, but it turns out that we can be certain of very little. Both approaches have failed, Kant supposed, because both are premised on the same mistaken assumption.

Progress in philosophy, according to Kant, requires that we frame the epistemological problem in an entirely different way. The crucial question is not how we can bring ourselves to understand the world, but how the world comes to be understood by us. Instead of trying, by reason or experience, to make our concepts match the nature of objects, Kant held, we must allow the structure of our concepts shape our experience of objects. This is the purpose of Kant's [Critique of Pure Reason](#) (1781, 1787): to show how reason determines the conditions under which experience and knowledge are possible.

## *Varieties of Judgment*

In the *Prolegomena to any Future Metaphysic* (1783) [Kant](#) presented the central themes of the first *Critique* in a somewhat different manner, starting from instances in which we do appear to have achieved knowledge and asking under what conditions each case becomes possible. So he began by carefully drawing a pair of crucial distinctions among the judgments we do actually make.

The first distinction separates [a priori](#) from [a posteriori](#) judgments by reference to the origin of our knowledge of them. **A priori** judgments are based upon reason alone, independently of all sensory experience, and therefore apply with strict universality. **A posteriori** judgments, on the other hand, must

be grounded upon experience and are consequently limited and uncertain in their application to specific cases. Thus, this distinction also marks the difference traditionally noted in logic between [necessary and contingent](#) truths.

But Kant also made a less familiar distinction between [analytic and synthetic](#) judgments, according to the information conveyed as their content. **Analytic** judgments are those whose predicates are wholly contained in their subjects; since they add nothing to our concept of the subject, such judgments are purely explicative and can be deduced from the principle of non-contradiction. **Synthetic** judgments, on the other hand, are those whose predicates are wholly distinct from their subjects, to which they must be shown to relate because of some real connection external to the concepts themselves. Hence, synthetic judgments are genuinely informative but require justification by reference to some outside principle.

Kant supposed that previous philosophers had failed to differentiate properly between these two distinctions. Both [Leibniz](#) and [Hume](#) had made just one distinction, between matters of fact based on sensory experience and the uninformative truths of pure reason. In fact, Kant held, the two distinctions are not entirely coextensive; we need at least to consider all four of their logically possible combinations:

- Analytic *a posteriori* judgments cannot arise, since there is never any need to appeal to experience in support of a purely explicative assertion.
- Synthetic *a posteriori* judgments are the relatively uncontroversial matters of fact we come to know by means of our sensory experience (though [Wolff](#) had tried to derive even these from the principle of contradiction).
- Analytic *a priori* judgments, everyone agrees, include all merely logical truths and straightforward matters of definition; they are necessarily true.
- **Synthetic *a priori*** judgments are the crucial case, since only

they could provide new information that is necessarily true. But neither Leibniz nor Hume considered the possibility of any such case.

Unlike his predecessors, Kant maintained that synthetic *a priori* judgments not only are possible but actually provide the basis for significant portions of human knowledge. In fact, he supposed (*pace* Hume) that arithmetic and geometry comprise such judgments and that natural science depends on them for its power to explain and predict events. What is more, metaphysics—if it turns out to be possible at all—must rest upon synthetic *a priori* judgments, since anything else would be either uninformative or unjustifiable. But how are synthetic *a priori* judgments possible at all? This is the central question Kant sought to answer.

## *Mathematics*

Consider, for example, our knowledge that two plus three is equal to five and that the interior angles of any triangle add up to a straight line. These (and similar) truths of mathematics are synthetic judgments, [Kant](#) held, since they contribute significantly to our knowledge of the world; the sum of the interior angles is not contained in the concept of a triangle. Yet, clearly, such truths are known *a priori*, since they apply with strict and universal necessity to all of the objects of our experience, without having been derived from that experience itself. In these instances, Kant supposed, no one will ask whether or not we have synthetic *a priori* knowledge; plainly, we do. The question is, how do we come to have such knowledge? If experience does not supply the required connection between the concepts involved, what does?

Kant's answer is that we do it ourselves. Conformity with the truths of mathematics is a precondition that we impose upon every possible object of our experience. Just as [Descartes](#) had noted in the Fifth Meditation, the essence of bodies is manifested to us in

Euclidean solid geometry, which determines *a priori* the structure of the spatial world we experience. In order to be perceived by us, any object must be regarded as being uniquely located in space and time, so it is the spatio-temporal framework itself that provides the missing connection between the concept of the triangle and that of the sum of its angles. Space and time, Kant argued in the “Transcendental Aesthetic” of the first *Critique*, are the “pure forms of sensible intuition” under which we perceive what we do.

Understanding mathematics in this way makes it possible to rise above an old controversy between rationalists and empiricists regarding the very nature of space and time. [Leibniz](#) had maintained that space and time are not intrinsic features of the world itself, but merely a product of our minds. [Newton](#), on the other hand, had insisted that space and time are absolute, not merely a set of spatial and temporal relations. Kant now declares that both of them were correct! Space and time are absolute, and they do derive from our minds. As synthetic *a priori* judgments, the truths of mathematics are both informative and necessary.

This is our first instance of a [transcendental argument](#), Kant’s method of reasoning from the fact that we have knowledge of a particular sort to the conclusion that all of the logical presuppositions of such knowledge must be satisfied. We will see additional examples in later lessons, and can defer our assessment of them until then. But notice that there is a price to be paid for the certainty we achieve in this manner. Since mathematics derives from our own sensible intuition, we can be absolutely sure that it must apply to everything we perceive, but for the same reason we can have no assurance that it has anything to do with the way things are apart from our perception of them. Next time, we’ll look at Kant’s very similar treatment of the synthetic *a priori* principles upon which our knowledge of natural science depends.

## *Preconditions for Natural Science*

In natural science no less than in mathematics, [Kant](#) held, synthetic *a priori* judgments provide the necessary foundations for human knowledge. The most general laws of nature, like the truths of mathematics, cannot be justified by experience, yet must apply to it universally. In this case, the negative portion of Hume's analysis—his demonstration that [matters of fact rest upon an unjustifiable belief](#) that there is a necessary connection between causes and their effects—was entirely correct. But of course Kant's more constructive approach is to offer a transcendental argument from the fact that we do have knowledge of the natural world to the truth of synthetic *a priori* propositions about the structure of our experience of it.

As we saw last time, applying the concepts of space and time as forms of sensible intuition is necessary condition for any perception. But the possibility of scientific knowledge requires that our experience of the world be not only perceivable but thinkable as well, and Kant held that the general intelligibility of experience entails the satisfaction of two further conditions:

First, it must be possible in principle to arrange and organize the chaos of our many individual sensory images by tracing the connections that hold among them. This Kant called the synthetic unity of the sensory manifold.

Second, it must be possible in principle for a single subject to perform this organization by discovering the connections among perceived images. This is satisfied by what Kant called the transcendental unity of apperception.

Experiential knowledge is thinkable only if there is some regularity in what is known and there is some knower in whom that regularity can be represented. Since we do actually have knowledge of the world as we experience it, Kant held, both of these conditions must in fact obtain.

## Deduction of the Categories

Since (as Hume had noted) individual images are perfectly separable as they occur within the sensory manifold, connections between them can be drawn only by the knowing subject, in which the principles of connection are to be found. As in mathematics, so in science the synthetic *a priori* judgments must derive from the structure of the understanding itself.

Consider, then, the sorts of judgments distinguished by logicians (in [Kant's](#) day): each of them has some quantity (applying to all things, some, or only one); some quality (affirmative, negative, or complementary); some relation (absolute, conditional, or alternative); and some modality ([problematic, assertoric, or apodeictic](#)). Kant supposed that any intelligible thought can be expressed in judgments of these sorts. But then it follows that any thinkable experience must be understood in these ways, and we are justified in projecting this entire way of thinking outside ourselves, as the inevitable structure of any possible experience.

The result of this “Transcendental Logic” is the schematized table of categories, Kant’s summary of the central concepts we employ in thinking about the world, each of which is discussed in a separate section of the *Critique*:

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<b>Quantity</b>	<b>Quality</b>
Unity	Reality
Plurality	Negation
Totality	Limitation
Axioms of Intuition	Anticipations of Perception
<b>Relation</b>	<b>Modality</b>
Substance	Possibility
Cause	Existence
Community	Necessity
Analogies of Experience	Postulates of Empirical Thought

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Our most fundamental convictions about the natural world derive from these concepts, according to Kant. The most general principles of natural science are not empirical generalizations from what we have experienced, but synthetic *a priori* judgments about what we could experience, in which these concepts provide the crucial connectives.

# 4I. Immanuel Kant, Experience, and Reality

## Kant: Experience and Reality

### *Analogies of Experience*

So [Kant](#) maintained that we are justified in applying the concepts of the understanding to the world as we know it by making *a priori* determinations of the nature of any possible experience. In order to see how this works in greater detail, let's concentrate on the concepts of relation, which govern how we understand the world in time. As applied in the Analogies of Experience, each concept of relation establishes one of the preconditions of experience under one of the modes of time: duration, succession, and simultaneity.

1. **Substance:** The experience of any change requires not only the perception of the altered qualities that constitute the change but also the concept of an underlying substance which persists through this alteration. (E.g., in order to know by experience that the classroom wall has changed in color from blue to yellow, I must not only perceive the different colors—blue then, yellow now—but also suppose that the wall itself has endured from then until now.) Thus, Kant supposed that the philosophical concept of substance (reflected in the scientific assumption of an external world of [material objects](#)) is an *a priori* condition for our experience.

2. **Cause:** What is more, the experience of events requires not only awareness of their intrinsic features but also that they be regarded as occurring one after another, in an invariable regularity determined by the concept of causality. (E.g., in order to experience

the flowering of this azalea as an event, I must not only perceive the blossoms as they now appear but must also regard them as merely the present consequence of a succession of prior organic developments.) Thus, Kant responded to Hume's skepticism by maintaining that the concept of cause is one of the synthetic conditions we determine for ourselves prior to all experience.

3. **Community:** Finally, the experience of a world of coexisting things requires not only the experiences of each individually but also the presumption of their mutual interaction. (E.g., in order believe that the Sun, Earth, and Moon coexist in a common solar system, I must not only make some estimate of the mass of each but must also take into account the reciprocity of the gravitational forces between them.) Thus, on Kant's view, the notion of the natural world as a closed system of reciprocal forces is another *a priori* condition for the intelligibility of experience.

Notice again that these features of nature are not generalized from anything we have already experienced; they are regulative principles that we impose in advance on everything we can experience. We are justified in doing so, Kant believed, because only the pure concepts of the understanding can provide the required connections to establish synthetic *a priori* judgments. Unless these concepts are systematically applied to the sensory manifold, the unity of apperception cannot be achieved, and no experience can be made intelligible.

### *Phenomena and Noumena*

Having seen [Kant's](#) transcendental deduction of the categories as pure concepts of the understanding applicable *a priori* to every possible experience, we might naturally wish to ask the further question whether these regulative principles are really true. Are there substances? Does every event have a cause? Do all things interact? Given that we must suppose them in order to have any

experience, do they obtain in the world itself? To these further questions, Kant firmly refused to offer any answer.

According to Kant, it is vital always to distinguish between the distinct realms of [phenomena and noumena](#). **Phenomena** are the appearances, which constitute the our experience; **noumena** are the (presumed) things themselves, which constitute reality. All of our synthetic *a priori* judgments apply only to the phenomenal realm, not the noumenal. (It is only at this level, with respect to what we can experience, that we are justified in imposing the structure of our concepts onto the objects of our knowledge.) Since the [thing in itself \(Ding an sich\)](#) would by definition be entirely independent of our experience of it, we are utterly ignorant of the noumenal realm.

Thus, on Kant's view, the most fundamental laws of nature, like the truths of mathematics, are knowable precisely because they make no effort to describe the world as it really is but rather prescribe the structure of the world as we experience it. By applying the pure forms of sensible intuition and the pure concepts of the understanding, we achieve a systematic view of the phenomenal realm but learn nothing of the noumenal realm. Math and science are certainly true of the phenomena; only metaphysics claims to instruct us about the noumena.

### *The Aim of Metaphysics*

Although our knowledge of mathematics and natural science yield easily to a [Kantian](#) analysis, the synthetic *a priori* judgments of metaphysics are much more difficult to explain. Here the forms of intuition and concepts of understanding are useless, since they find application only in the realm of our experience, while metaphysics seeks to transcend experience completely, in order to discover the nature of reality itself as comprehended under pure reason.

Metaphysical speculation properly begins with the same method as the “Aesthetic” and “Analytic,” Kant supposed, but it invariably ends up in a “Dialectic.” The transcendental arguments we employ

in metaphysics need not restrict their determination to the phenomenal realm alone, since their aim is genuine knowledge of the noumena. Synthetic *a priori* judgments in metaphysics must be grounded upon truly transcendental ideas, which are regarded as applicable to things in themselves independently of our experience of them.

### *Transcendental Ideas*

[Kant](#)'s exposition of the transcendental ideas begins once again from the logical distinction among categorical, hypothetical, and disjunctive syllogisms. From this distinction, as we have seen, the understanding derives the concepts of substance, cause, and community, which provide the basis for rules that obtain as natural laws within our experience. Now, from the same distinction, the reason must carry things further in order derive the transcendental ideas of the complete subject, the complete series of conditions, and the complete complex of what is possible. Thus, the "completion" of metaphysical reasoning requires transcendental ideas of three sorts, but Kant argued that each leads to its characteristic irresolvable difficulty.

The **Psychological Idea** is the concept of the soul as a permanent substance which lives forever. It is entirely natural to reason (as in Descartes's [cogito](#)) from knowledge that "I think" to my real existence as one and the same thinking thing through all time, but Kant held that our efforts to reach such conclusions are "Paralogisms," with only illusory validity. It is true that thought presupposes the unity of apperception and that every change presupposes an underlying substance, but these rules apply only to the phenomena we experience. Since substantial unity and immortality are supposed to be noumenal features of the soul as a thing in itself, Kant held, legitimate *a priori* judgments can never prove them, and the effort to transcend in this case fails.

The **Cosmological Idea** is the concept of a complete

determination of the nature of the world as it must be constituted in itself. In this case, Kant held, the difficulty is not that we can conclude too little but rather that we can prove too much. From the structure of our experience of the world, it is easy to deduce contradictory particular claims about reality: finitude vs. infinity; simplicity vs. complexity; freedom vs. determinism; necessity vs. contingency. These “Antinomies” of Pure Reason can be avoided only when we recognize that one or both of the contradictory proofs in each antinomy holds only for the phenomenal realm. Once again, it is the effort to achieve transcendental knowledge of noumena that necessarily fails.

The **Theological Idea** is the concept of an absolutely perfect and most real being (or god). Again it is natural to move from our recognition of dependence within the phenomenal realm to the notion of a perfectly independent noumenal being, the “Transcendental Ideal.” But traditional attempts to prove that god really exists, founded as they are on what we experience, cannot establish the reality of a being necessarily beyond all experience.

The general point of the Transcendental Dialectic should by now be clear: metaphysical speculation about the ultimate nature of reality invariably fails. The synthetic *a priori* judgments which properly serve as regulative principles governing our experience can never be shown to have any force as constitutive of the real nature of the world. Pure reason inevitably reaches for what it cannot grasp.

### *The Limits of Reason*

Now that we've seen [Kant's](#) answers to all three parts of the *Prolegomena's* “Main Transcendental Question” and have traced their sources in the *Critique of Pure Reason*, we are in a position to appreciate his careful delineation of what is possible in metaphysical thought and what is not.

What most clearly is not possible is any legitimate synthetic *a*

*priori* judgment about things in themselves. The only thing that justifies the application of regulative principles in mathematics and natural science is their limitation to phenomena. Both sensible intuition and the understanding deal with the conditions under which experience is possible. But the whole point of speculative metaphysics is to transcend experience entirely in order to achieve knowledge of the noumenal realm. Here, only the faculty of reason is relevant, but its most crucial speculative conclusions, its deepest convictions about the self, the world, and god, are all drawn illegitimately.

What is possible—indeed, according to Kant what we are bound by our very nature as rational beings to do—is to think of the noumenal realm **as if** the speculative principles were true (whether or not they are). By the nature of reason itself, we are required to suppose our own existence as substantial beings, the possibility of our free action in a world of causal regularity, and the existence of god. The absence of any formal justification for these notions makes it impossible for us to claim that we know them to be true, but it can in no way diminish the depth of our belief that they are.

According to Kant, then, the rational human faculties lead us to the very boundaries of what can be known, by clarifying the conditions under which experience of the world as we know it is possible. But beyond those boundaries our faculties are useless. The shape of the boundary itself, as evidenced in the Paralogisms and Antinomies, naturally impels us to postulate that the unknown does indeed have certain features, but these further speculations are inherently unjustifiable.

The only legitimate, “scientific” metaphysics that the future may hold, Kant therefore held, would be a thoroughly critical, non-speculative examination of the bounds of pure reason, a careful description of what we can know accompanied by a clear recognition that our transcendental concepts (however useful they may seem) are entirely unreliable as guides to the nature of reality. It is this task, of course, that Kant himself had pursued in the *First Critique*.

# 42. Immanuel Kant: Critique of Pure Reason (Preface to the First Edition)

## PREFACE TO THE FIRST EDITION 1781

Human reason, in one sphere of its cognition, is called upon to consider questions, which it cannot decline, as they are presented by its own nature, but which it cannot answer, as they transcend every faculty of the mind.

It falls into this difficulty without any fault of its own. It begins with principles, which cannot be dispensed with in the field of experience, and the truth and sufficiency of which are, at the same time, insured by experience. With these principles it rises, in obedience to the laws of its own nature, to ever higher and more remote conditions. But it quickly discovers that, in this way, its labours must remain ever incomplete, because new questions never cease to present themselves; and thus it finds itself compelled to have recourse to principles which transcend the region of experience, while they are regarded by common sense without distrust. It thus falls into confusion and contradictions, from which it conjectures the presence of latent errors, which, however, it is unable to discover, because the principles it employs, transcending the limits of experience, cannot be tested by that criterion. The arena of these endless contests is called Metaphysic.

Time was, when she was the queen of all the sciences; and, if we take the will for the deed, she certainly deserves, so far as regards the high importance of her object-matter, this title of honour. Now, it is the fashion of the time to heap contempt and scorn upon her; and the matron mourns, forlorn and forsaken, like Hecuba:

Modo maxima rerum,  
Tot generis, natisque potens...  
Nunc trahor exul, inops.  
—Ovid, *Metamorphoses*. xiii

At first, her government, under the administration of the dogmatists, was an absolute despotism. But, as the legislative continued to show traces of the ancient barbaric rule, her empire gradually broke up, and intestine wars introduced the reign of anarchy; while the sceptics, like nomadic tribes, who hate a permanent habitation and settled mode of living, attacked from time to time those who had organized themselves into civil communities. But their number was, very happily, small; and thus they could not entirely put a stop to the exertions of those who persisted in raising new edifices, although on no settled or uniform plan. In recent times the hope dawned upon us of seeing those disputes settled, and the legitimacy of her claims established by a kind of physiology of the human understanding—that of the celebrated Locke. But it was found that—although it was affirmed that this so-called queen could not refer her descent to any higher source than that of common experience, a circumstance which necessarily brought suspicion on her claims—as this genealogy was incorrect, she persisted in the advancement of her claims to sovereignty. Thus metaphysics necessarily fell back into the antiquated and rotten constitution of dogmatism, and again became obnoxious to the contempt from which efforts had been made to save it. At present, as all methods, according to the general persuasion, have been tried in vain, there reigns nought but weariness and complete indifferentism—the mother of chaos and night in the scientific world, but at the same time the source of, or at least the prelude to, the re-creation and reinstallation of a science, when it has fallen into confusion, obscurity, and disuse from ill directed effort.

For it is in reality vain to profess indifference in regard to such inquiries, the object of which cannot be indifferent to humanity. Besides, these pretended indifferentists, however much they may try to disguise themselves by the assumption of a popular style and

by changes on the language of the schools, unavoidably fall into metaphysical declarations and propositions, which they profess to regard with so much contempt. At the same time, this indifference, which has arisen in the world of science, and which relates to that kind of knowledge which we should wish to see destroyed the last, is a phenomenon that well deserves our attention and reflection. It is plainly not the effect of the levity, but of the matured judgement\* of the age, which refuses to be any longer entertained with illusory knowledge. It is, in fact, a call to reason, again to undertake the most laborious of all tasks—that of self-examination, and to establish a tribunal, which may secure it in its well-grounded claims, while it pronounces against all baseless assumptions and pretensions, not in an arbitrary manner, but according to its own eternal and unchangeable laws. This tribunal is nothing less than the critical investigation of pure reason.

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1. [\*Footnote: We very often hear complaints of the shallowness of the present age, and of the decay of profound science. But I do not think that those which rest upon a secure foundation, such as mathematics, physical science, etc., in the least deserve this reproach, but that they rather maintain their ancient fame, and in the latter case, indeed, far surpass it. The same would be the case with the other kinds of cognition, if their principles were but firmly established. In the absence of this security, indifference, doubt, and finally, severe criticism are rather signs of a profound habit of thought. Our age is the age of criticism, to which everything must be subjected. The sacredness of religion, and the authority of legislation, are by many regarded as grounds

I do not mean by this a criticism of books and systems, but a critical inquiry into the faculty of reason, with reference to the cognitions to which it strives to attain without the aid of experience; in other words, the solution of the question regarding the possibility or impossibility of metaphysics, and the determination of the origin, as well as of the extent and limits of this science. All this must be done on the basis of principles.

This path—the only one now remaining—has been entered upon by me; and I flatter myself that I have, in this way, discovered the cause of—and consequently the mode of removing—all the errors which have hitherto set reason at variance with itself, in the sphere of non-empirical thought. I have not returned an evasive answer to the questions of reason, by alleging the inability and limitation of the faculties of the mind; I have, on the contrary, examined them completely in the light of principles, and, after having discovered the cause of the doubts and contradictions into which reason fell, have solved them to its perfect satisfaction. It is true, these questions have not been solved as dogmatism, in its vain fancies and desires, had expected; for it can only be satisfied by the exercise of magical arts, and of these I have no knowledge. But neither do these come within the compass of our mental powers; and it was the duty of philosophy to destroy the illusions which had their origin in misconceptions, whatever darling hopes and valued expectations may be ruined by its explanations. My chief aim in this work has been thoroughness; and I make bold to say that there is not a single metaphysical problem that does not find its solution, or at least the key to its solution, here. Pure reason is a perfect unity; and

of exemption from the examination of this tribunal. But, if they are exempted, they become the subjects of just suspicion, and cannot lay claim to sincere respect, which reason accords only to that which has stood the test of a free and public examination.]

therefore, if the principle presented by it prove to be insufficient for the solution of even a single one of those questions to which the very nature of reason gives birth, we must reject it, as we could not be perfectly certain of its sufficiency in the case of the others.

While I say this, I think I see upon the countenance of the reader signs of dissatisfaction mingled with contempt, when he hears declarations which sound so boastful and extravagant; and yet they are beyond comparison more moderate than those advanced by the commonest author of the commonest philosophical programme, in which the dogmatist professes to demonstrate the simple nature of the soul, or the necessity of a primal being. Such a dogmatist promises to extend human knowledge beyond the limits of possible experience; while I humbly confess that this is completely beyond my power. Instead of any such attempt, I confine myself to the examination of reason alone and its pure thought; and I do not need to seek far for the sum-total of its cognition, because it has its seat in my own mind. Besides, common logic presents me with a complete and systematic catalogue of all the simple operations of reason; and it is my task to answer the question how far reason can go, without the material presented and the aid furnished by experience.

So much for the completeness and thoroughness necessary in the execution of the present task. The aims set before us are not arbitrarily proposed, but are imposed upon us by the nature of cognition itself.

The above remarks relate to the matter of our critical inquiry. As regards the form, there are two indispensable conditions, which any one who undertakes so difficult a task as that of a critique of pure reason, is bound to fulfil. These conditions are certitude and clearness.

As regards *certitude*, I have fully convinced myself that, in this sphere of thought, opinion is perfectly inadmissible, and that everything which bears the least semblance of an hypothesis must be excluded, as of no value in such discussions. For it is a necessary condition of every cognition that is to be established upon a

*priori* grounds that it shall be held to be absolutely necessary; much more is this the case with an attempt to determine all pure *a prioricognition*, and to furnish the standard—and consequently an example—of all apodeictic (philosophical) certitude. Whether I have succeeded in what I professed to do, it is for the reader to determine; it is the author's business merely to adduce grounds and reasons, without determining what influence these ought to have on the mind of his judges. But, lest anything he may have said may become the innocent cause of doubt in their minds, or tend to weaken the effect which his arguments might otherwise produce—he may be allowed to point out those passages which may occasion mistrust or difficulty, although these do not concern the main purpose of the present work. He does this solely with the view of removing from the mind of the reader any doubts which might affect his judgement of the work as a whole, and in regard to its ultimate aim.

I know no investigations more necessary for a full insight into the nature of the faculty which we call understanding, and at the same time for the determination of the rules and limits of its use, than those undertaken in the second chapter of the “Transcendental Analytic,” under the title of “Deduction of the Pure Conceptions of the Understanding”; and they have also cost me by far the greatest labour—labour which, I hope, will not remain uncompensated. The view there taken, which goes somewhat deeply into the subject, has two sides. The one relates to the objects of the pure understanding, and is intended to demonstrate and to render comprehensible the objective validity of its *a priori* conceptions; and it forms for this reason an essential part of the Critique. The other considers the pure understanding itself, its possibility and its powers of cognition—that is, from a subjective point of view; and, although this exposition is of great importance, it does not belong essentially to the main purpose of the work, because the grand question is what and how much can reason and understanding, apart from experience, cognize, and not, how is the faculty of thought itself possible? As the latter is an inquiry into the cause of a given effect,

and has thus in it some semblance of an hypothesis (although, as I shall show on another occasion, this is really not the fact), it would seem that, in the present instance, I had allowed myself to enounce a mere opinion, and that the reader must therefore be at liberty to hold a different opinion. But I beg to remind him that, if my subjective deduction does not produce in his mind the conviction of its certitude at which I aimed, the objective deduction, with which alone the present work is properly concerned, is in every respect satisfactory.

As regards *clearness*, the reader has a right to demand, in the first place, discursive or logical clearness, that is, on the basis of conceptions, and, secondly, intuitive or aesthetic clearness, by means of intuitions, that is, by examples or other modes of illustration in concreto. I have done what I could for the first kind of intelligibility. This was essential to my purpose; and it thus became the accidental cause of my inability to do complete justice to the second requirement. I have been almost always at a loss, during the progress of this work, how to settle this question. Examples and illustrations always appeared to me necessary, and, in the first sketch of the Critique, naturally fell into their proper places. But I very soon became aware of the magnitude of my task, and the numerous problems with which I should be engaged; and, as I perceived that this critical investigation would, even if delivered in the driest scholastic manner, be far from being brief, I found it unadvisable to enlarge it still more with examples and explanations, which are necessary only from a popular point of view. I was induced to take this course from the consideration also that the present work is not intended for popular use, that those devoted to science do not require such helps, although they are always acceptable, and that they would have materially interfered with my present purpose. Abbé Terrasson remarks with great justice that, if we estimate the size of a work, not from the number of its pages, but from the time which we require to make ourselves master of it, it may be said of many a book that it would be much shorter, if it were not so short. On the other hand, as regards the

comprehensibility of a system of speculative cognition, connected under a single principle, we may say with equal justice: many a book would have been much clearer, if it had not been intended to be so very clear. For explanations and examples, and other helps to intelligibility, aid us in the comprehension of parts, but they distract the attention, dissipate the mental power of the reader, and stand in the way of his forming a clear conception of the whole; as he cannot attain soon enough to a survey of the system, and the colouring and embellishments bestowed upon it prevent his observing its articulation or organization—which is the most important consideration with him, when he comes to judge of its unity and stability.

The reader must naturally have a strong inducement to cooperate with the present author, if he has formed the intention of erecting a complete and solid edifice of metaphysical science, according to the plan now laid before him. Metaphysics, as here represented, is the only science which admits of completion—and with little labour, if it is united, in a short time; so that nothing will be left to future generations except the task of illustrating and applying it didactically. For this science is nothing more than the inventory of all that is given us by pure reason, systematically arranged. Nothing can escape our notice; for what reason produces from itself cannot lie concealed, but must be brought to the light by reason itself, so soon as we have discovered the common principle of the ideas we seek. The perfect unity of this kind of cognitions, which are based upon pure conceptions, and uninfluenced by any empirical element, or any peculiar intuition leading to determinate experience, renders this completeness not only practicable, but also necessary.

*Tecum habita, et noris quam sit tibi curta supellex.*

—Persius. *Satirae* iv. 52.

Such a system of pure speculative reason I hope to be able to publish under the title of *Metaphysics of Nature\**. The content of this work (which will not be half so long) will be very much richer than that of the present *Critique*, which has to discover the sources of

this cognition and expose the conditions of its possibility, and at the same time to clear and level a fit foundation for the scientific edifice. In the present work, I look for the patient hearing and the impartiality of a judge; in the other, for the good-will and assistance of a co-labourer. For, however complete the list of principles for this system may be in the Critique, the correctness of the system requires that no deduced conceptions should be absent. These cannot be presented a priori, but must be gradually discovered; and, while the synthesis of conceptions has been fully exhausted in the Critique, it is necessary that, in the proposed work, the same should be the case with their analysis. But this will be rather an amusement than a labour.

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2. [\*Footnote: In contradistinction to the Metaphysics of Ethics. This work was never published.]

# 43. Immanuel Kant: Critique of Pure Reason (Introduction)

## Introduction

### *I. Of the difference between Pure and Empirical Knowledge*

That all our knowledge begins with experience there can be no doubt. For how is it possible that the faculty of cognition should be awakened into exercise otherwise than by means of objects which affect our senses, and partly of themselves produce representations, partly rouse our powers of understanding into activity, to compare to connect, or to separate these, and so to convert the raw material of our sensuous impressions into a knowledge of objects, which is called experience? In respect of time, therefore, no knowledge of ours is antecedent to experience, but begins with it.

But, though all our knowledge begins with experience, it by no means follows that all arises out of experience. For, on the contrary, it is quite possible that our empirical knowledge is a compound of that which we receive through impressions, and that which the faculty of cognition supplies from itself (sensuous impressions giving merely the occasion), an addition which we cannot distinguish from the original element given by sense, till long practice has made us attentive to, and skilful in separating it. It is, therefore, a question which requires close investigation, and not to be answered at first sight, whether there exists a knowledge altogether independent of experience, and even of all sensuous

impressions? Knowledge of this kind is called a priori, in contradistinction to empirical knowledge, which has its sources a posteriori, that is, in experience.

But the expression, “a priori,” is not as yet definite enough adequately to indicate the whole meaning of the question above started. For, in speaking of knowledge which has its sources in experience, we are wont to say, that this or that may be known a priori, because we do not derive this knowledge immediately from experience, but from a general rule, which, however, we have itself borrowed from experience. Thus, if a man undermined his house, we say, “he might know a priori that it would have fallen;” that is, he needed not to have waited for the experience that it did actually fall. But still, a priori, he could not know even this much. For, that bodies are heavy, and, consequently, that they fall when their supports are taken away, must have been known to him previously, by means of experience.

By the term “knowledge a priori,” therefore, we shall in the sequel understand, not such as is independent of this or that kind of experience, but such as is absolutely so of all experience. Opposed to this is empirical knowledge, or that which is possible only a posteriori, that is, through experience. Knowledge a priori is either pure or impure. Pure knowledge a priori is that with which no empirical element is mixed up. For example, the proposition, “Every change has a cause,” is a proposition a priori, but impure, because change is a conception which can only be derived from experience.

## *II. The Human Intellect, even in an Unphilosophical State, is in Possession of Certain Cognitions “a priori”.*

The question now is as to a criterion, by which we may securely distinguish a pure from an empirical cognition. Experience no doubt teaches us that this or that object is constituted in such and such a manner, but not that it could not possibly exist otherwise. Now,

in the first place, if we have a proposition which contains the idea of necessity in its very conception, it is *a priori*. If, moreover, it is not derived from any other proposition, unless from one equally involving the idea of necessity, it is absolutely *a priori*. Secondly, an empirical judgement never exhibits strict and absolute, but only assumed and comparative universality (by induction); therefore, the most we can say is—so far as we have hitherto observed, there is no exception to this or that rule. If, on the other hand, a judgement carries with it strict and absolute universality, that is, admits of no possible exception, it is not derived from experience, but is valid absolutely *a priori*.

Empirical universality is, therefore, only an arbitrary extension of validity, from that which may be predicated of a proposition valid in most cases, to that which is asserted of a proposition which holds good in all; as, for example, in the affirmation, “All bodies are heavy.” When, on the contrary, strict universality characterizes a judgement, it necessarily indicates another peculiar source of knowledge, namely, a faculty of cognition *a priori*. Necessity and strict universality, therefore, are infallible tests for distinguishing pure from empirical knowledge, and are inseparably connected with each other. But as in the use of these criteria the empirical limitation is sometimes more easily detected than the contingency of the judgement, or the unlimited universality which we attach to a judgement is often a more convincing proof than its necessity, it may be advisable to use the criteria separately, each being by itself infallible.

Now, that in the sphere of human cognition we have judgements which are necessary, and in the strictest sense universal, consequently pure *a priori*, it will be an easy matter to show. If we desire an example from the sciences, we need only take any proposition in mathematics. If we cast our eyes upon the commonest operations of the understanding, the proposition, “Every change must have a cause,” will amply serve our purpose. In the latter case, indeed, the conception of a cause so plainly involves the conception of a necessity of connection with an effect, and

of a strict universality of the law, that the very notion of a cause would entirely disappear, were we to derive it, like Hume, from a frequent association of what happens with that which precedes; and the habit thence originating of connecting representations—the necessity inherent in the judgement being therefore merely subjective. Besides, without seeking for such examples of principles existing a priori in cognition, we might easily show that such principles are the indispensable basis of the possibility of experience itself, and consequently prove their existence a priori. For whence could our experience itself acquire certainty, if all the rules on which it depends were themselves empirical, and consequently fortuitous? No one, therefore, can admit the validity of the use of such rules as first principles. But, for the present, we may content ourselves with having established the fact, that we do possess and exercise a faculty of pure a priori cognition; and, secondly, with having pointed out the proper tests of such cognition, namely, universality and necessity.

Not only in judgements, however, but even in conceptions, is an a priori origin manifest. For example, if we take away by degrees from our conceptions of a body all that can be referred to mere sensuous experience—colour, hardness or softness, weight, even impenetrability—the body will then vanish; but the space which it occupied still remains, and this it is utterly impossible to annihilate in thought. Again, if we take away, in like manner, from our empirical conception of any object, corporeal or incorporeal, all properties which mere experience has taught us to connect with it, still we cannot think away those through which we cogitate it as substance, or adhering to substance, although our conception of substance is more determined than that of an object. Compelled, therefore, by that necessity with which the conception of substance forces itself upon us, we must confess that it has its seat in our faculty of cognition a priori.

*III. Philosophy stands in need of a Science which shall Determine the Possibility, Principles, and Extent of Human Knowledge “a priori”*

Of far more importance than all that has been above said, is the consideration that certain of our cognitions rise completely above the sphere of all possible experience, and by means of conceptions, to which there exists in the whole extent of experience no corresponding object, seem to extend the range of our judgements beyond its bounds. And just in this transcendental or supersensible sphere, where experience affords us neither instruction nor guidance, lie the investigations of reason, which, on account of their importance, we consider far preferable to, and as having a far more elevated aim than, all that the understanding can achieve within the sphere of sensuous phenomena. So high a value do we set upon these investigations, that even at the risk of error, we persist in following them out, and permit neither doubt nor disregard nor indifference to restrain us from the pursuit. These unavoidable problems of mere pure reason are God, freedom (of will), and immortality. The science which, with all its preliminaries, has for its especial object the solution of these problems is named metaphysics—a science which is at the very outset dogmatical, that is, it confidently takes upon itself the execution of this task without any previous investigation of the ability or inability of reason for such an undertaking.

Now the safe ground of experience being thus abandoned, it seems nevertheless natural that we should hesitate to erect a building with the cognitions we possess, without knowing whence they come, and on the strength of principles, the origin of which is undiscovered. Instead of thus trying to build without a foundation, it is rather to be expected that we should long ago have put the question, how the understanding can arrive at these a priori cognitions, and what is the extent, validity, and worth which they may possess? We say, “This is natural enough,” meaning by the word natural, that which is consistent with a just and reasonable way

of thinking; but if we understand by the term, that which usually happens, nothing indeed could be more natural and more comprehensible than that this investigation should be left long unattempted. For one part of our pure knowledge, the science of mathematics, has been long firmly established, and thus leads us to form flattering expectations with regard to others, though these may be of quite a different nature. Besides, when we get beyond the bounds of experience, we are of course safe from opposition in that quarter; and the charm of widening the range of our knowledge is so great that, unless we are brought to a standstill by some evident contradiction, we hurry on undoubtingly in our course. This, however, may be avoided, if we are sufficiently cautious in the construction of our fictions, which are not the less fictions on that account.

Mathematical science affords us a brilliant example, how far, independently of all experience, we may carry our a priori knowledge. It is true that the mathematician occupies himself with objects and cognitions only in so far as they can be represented by means of intuition. But this circumstance is easily overlooked, because the said intuition can itself be given a priori, and therefore is hardly to be distinguished from a mere pure conception. Deceived by such a proof of the power of reason, we can perceive no limits to the extension of our knowledge. The light dove cleaving in free flight the thin air, whose resistance it feels, might imagine that her movements would be far more free and rapid in airless space. Just in the same way did Plato, abandoning the world of sense because of the narrow limits it sets to the understanding, venture upon the wings of ideas beyond it, into the void space of pure intellect. He did not reflect that he made no real progress by all his efforts; for he met with no resistance which might serve him for a support, as it were, whereon to rest, and on which he might apply his powers, in order to let the intellect acquire momentum for its progress. It is, indeed, the common fate of human reason in speculation, to finish the imposing edifice of thought as rapidly as possible, and then for the first time to begin to examine whether the foundation

is a solid one or no. Arrived at this point, all sorts of excuses are sought after, in order to console us for its want of stability, or rather, indeed, to enable Us to dispense altogether with so late and dangerous an investigation. But what frees us during the process of building from all apprehension or suspicion, and flatters us into the belief of its solidity, is this. A great part, perhaps the greatest part, of the business of our reason consists in the analysis of the conceptions which we already possess of objects. By this means we gain a multitude of cognitions, which although really nothing more than elucidations or explanations of that which (though in a confused manner) was already thought in our conceptions, are, at least in respect of their form, prized as new introspections; whilst, so far as regards their matter or content, we have really made no addition to our conceptions, but only disinvolved them. But as this process does furnish a real priori knowledge, which has a sure progress and useful results, reason, deceived by this, slips in, without being itself aware of it, assertions of a quite different kind; in which, to given conceptions it adds others, a priori indeed, but entirely foreign to them, without our knowing how it arrives at these, and, indeed, without such a question ever suggesting itself. I shall therefore at once proceed to examine the difference between these two modes of knowledge.

#### *IV. Of the Difference Between Analytical and Synthetical Judgements.*

In all judgements wherein the relation of a subject to the predicate is cogitated (I mention affirmative judgements only here; the application to negative will be very easy), this relation is possible in two different ways. Either the predicate B belongs to the subject A, as somewhat which is contained (though covertly) in the conception A; or the predicate B lies completely out of the conception A, although it stands in connection with it. In the first instance, I

term the judgement analytical, in the second, synthetical. Analytical judgements (affirmative) are therefore those in which the connection of the predicate with the subject is cogitated through identity; those in which this connection is cogitated without identity, are called synthetical judgements. The former may be called explicative, the latter augmentative judgements; because the former add in the predicate nothing to the conception of the subject, but only analyse it into its constituent conceptions, which were thought already in the subject, although in a confused manner; the latter add to our conceptions of the subject a predicate which was not contained in it, and which no analysis could ever have discovered therein. For example, when I say, "All bodies are extended," this is an analytical judgement. For I need not go beyond the conception of body in order to find extension connected with it, but merely analyse the conception, that is, become conscious of the manifold properties which I think in that conception, in order to discover this predicate in it: it is therefore an analytical judgement. On the other hand, when I say, "All bodies are heavy," the predicate is something totally different from that which I think in the mere conception of a body. By the addition of such a predicate, therefore, it becomes a synthetical judgement.

Judgements of experience, as such, are always synthetical. For it would be absurd to think of grounding an analytical judgement on experience, because in forming such a judgement I need not go out of the sphere of my conceptions, and therefore recourse to the testimony of experience is quite unnecessary. That "bodies are extended" is not an empirical judgement, but a proposition which stands firm a priori. For before addressing myself to experience, I already have in my conception all the requisite conditions for the judgement, and I have only to extract the predicate from the conception, according to the principle of contradiction, and thereby at the same time become conscious of the necessity of the judgement, a necessity which I could never learn from experience. On the other hand, though at first I do not at all include the predicate of weight in my conception of body in general, that

conception still indicates an object of experience, a part of the totality of experience, to which I can still add other parts; and this I do when I recognize by observation that bodies are heavy. I can cognize beforehand by analysis the conception of body through the characteristics of extension, impenetrability, shape, etc., all which are cogitated in this conception. But now I extend my knowledge, and looking back on experience from which I had derived this conception of body, I find weight at all times connected with the above characteristics, and therefore I synthetically add to my conceptions this as a predicate, and say, "All bodies are heavy." Thus it is experience upon which rests the possibility of the synthesis of the predicate of weight with the conception of body, because both conceptions, although the one is not contained in the other, still belong to one another (only contingently, however), as parts of a whole, namely, of experience, which is itself a synthesis of intuitions.

But to synthetical judgements a priori, such aid is entirely wanting. If I go out of and beyond the conception A, in order to recognize another B as connected with it, what foundation have I to rest on, whereby to render the synthesis possible? I have here no longer the advantage of looking out in the sphere of experience for what I want. Let us take, for example, the proposition, "Everything that happens has a cause." In the conception of "something that happens," I indeed think an existence which a certain time antecedes, and from this I can derive analytical judgements. But the conception of a cause lies quite out of the above conception, and indicates something entirely different from "that which happens," and is consequently not contained in that conception. How then am I able to assert concerning the general conception—"that which happens"—something entirely different from that conception, and to recognize the conception of cause although not contained in it, yet as belonging to it, and even necessarily? what is here the unknown = X, upon which the understanding rests when it believes it has found, out of the conception A a foreign predicate B, which it nevertheless considers to be connected with it? It cannot be experience, because

the principle adduced annexes the two representations, cause and effect, to the representation existence, not only with universality, which experience cannot give, but also with the expression of necessity, therefore completely a priori and from pure conceptions. Upon such synthetical, that is augmentative propositions, depends the whole aim of our speculative knowledge a priori; for although analytical judgements are indeed highly important and necessary, they are so, only to arrive at that clearness of conceptions which is requisite for a sure and extended synthesis, and this alone is a real acquisition.

*V. In all Theoretical Sciences of Reason, Synthetical Judgements “a priori” are contained as Principles.*

1. Mathematical judgements are always synthetical. Hitherto this fact, though incontestably true and very important in its consequences, seems to have escaped the analysts of the human mind, nay, to be in complete opposition to all their conjectures. For as it was found that mathematical conclusions all proceed according to the principle of contradiction (which the nature of every apodeictic certainty requires), people became persuaded that the fundamental principles of the science also were recognized and admitted in the same way. But the notion is fallacious; for although a synthetical proposition can certainly be discerned by means of the principle of contradiction, this is possible only when another synthetical proposition precedes, from which the latter is deduced, but never of itself.

Before all, be it observed, that proper mathematical propositions are always judgements a priori, and not empirical, because they carry along with them the conception of necessity, which cannot be given by experience. If this be demurred to, it matters not; I will then limit my assertion to pure mathematics, the very conception

of which implies that it consists of knowledge altogether non-empirical and a priori.

We might, indeed at first suppose that the proposition  $7 + 5 = 12$  is a merely analytical proposition, following (according to the principle of contradiction) from the conception of a sum of seven and five. But if we regard it more narrowly, we find that our conception of the sum of seven and five contains nothing more than the uniting of both sums into one, whereby it cannot at all be cogitated what this single number is which embraces both. The conception of twelve is by no means obtained by merely cogitating the union of seven and five; and we may analyse our conception of such a possible sum as long as we will, still we shall never discover in it the notion of twelve. We must go beyond these conceptions, and have recourse to an intuition which corresponds to one of the two—our five fingers, for example, or like Segner in his Arithmetic five points, and so by degrees, add the units contained in the five given in the intuition, to the conception of seven. For I first take the number 7, and, for the conception of 5 calling in the aid of the fingers of my hand as objects of intuition, I add the units, which I before took together to make up the number 5, gradually now by means of the material image my hand, to the number 7, and by this process, I at length see the number 12 arise. That 7 should be added to 5, I have certainly cogitated in my conception of a sum  $= 7 + 5$ , but not that this sum was equal to 12. Arithmetical propositions are therefore always synthetical, of which we may become more clearly convinced by trying large numbers. For it will thus become quite evident that, turn and twist our conceptions as we may, it is impossible, without having recourse to intuition, to arrive at the sum total or product by means of the mere analysis of our conceptions. Just as little is any principle of pure geometry analytical. “A straight line between two points is the shortest,” is a synthetical proposition. For my conception of straight contains no notion of quantity, but is merely qualitative. The conception of the shortest is therefore fore wholly an addition, and by no analysis can it be extracted from our

conception of a straight line. Intuition must therefore here lend its aid, by means of which, and thus only, our synthesis is possible.

Some few principles preposited by geometricians are, indeed, really analytical, and depend on the principle of contradiction. They serve, however, like identical propositions, as links in the chain of method, not as principles—for example,  $a = a$ , the whole is equal to itself, or  $(a+b) \rightarrow a$ , the whole is greater than its part. And yet even these principles themselves, though they derive their validity from pure conceptions, are only admitted in mathematics because they can be presented in intuition. What causes us here commonly to believe that the predicate of such apodeictic judgements is already contained in our conception, and that the judgement is therefore analytical, is merely the equivocal nature of the expression. We must join in thought a certain predicate to a given conception, and this necessity cleaves already to the conception. But the question is, not what we must join in thought to the given conception, but what we really think therein, though only obscurely, and then it becomes manifest that the predicate pertains to these conceptions, necessarily indeed, yet not as thought in the conception itself, but by virtue of an intuition, which must be added to the conception.

2. The science of natural philosophy (physics) contains in itself synthetical judgements a priori, as principles. I shall adduce two propositions. For instance, the proposition, “In all changes of the material world, the quantity of matter remains unchanged”; or, that, “In all communication of motion, action and reaction must always be equal.” In both of these, not only is the necessity, and therefore their origin a priori clear, but also that they are synthetical propositions. For in the conception of matter, I do not cogitate its permanency, but merely its presence in space, which it fills. I therefore really go out of and beyond the conception of matter, in order to think on to it something a priori, which I did not think in it. The proposition is therefore not analytical, but synthetical, and nevertheless conceived a priori; and so it is with regard to the other propositions of the pure part of natural philosophy.

3. As to metaphysics, even if we look upon it merely as an

attempted science, yet, from the nature of human reason, an indispensable one, we find that it must contain synthetical propositions a priori. It is not merely the duty of metaphysics to dissect, and thereby analytically to illustrate the conceptions which we form a priori of things; but we seek to widen the range of our a priori knowledge. For this purpose, we must avail ourselves of such principles as add something to the original conception—something not identical with, nor contained in it, and by means of synthetical judgements a priori, leave far behind us the limits of experience; for example, in the proposition, “the world must have a beginning,” and such like. Thus metaphysics, according to the proper aim of the science, consists merely of synthetical propositions a priori.

## *VI. The Universal Problem of Pure Reason.*

It is extremely advantageous to be able to bring a number of investigations under the formula of a single problem. For in this manner, we not only facilitate our own labour, inasmuch as we define it clearly to ourselves, but also render it more easy for others to decide whether we have done justice to our undertaking. The proper problem of pure reason, then, is contained in the question: “How are synthetical judgements a priori possible?”

That metaphysical science has hitherto remained in so vacillating a state of uncertainty and contradiction, is only to be attributed to the fact that this great problem, and perhaps even the difference between analytical and synthetical judgements, did not sooner suggest itself to philosophers. Upon the solution of this problem, or upon sufficient proof of the impossibility of synthetical knowledge a priori, depends the existence or downfall of the science of metaphysics. Among philosophers, David Hume came the nearest of all to this problem; yet it never acquired in his mind sufficient precision, nor did he regard the question in its universality. On the contrary, he stopped short at the synthetical proposition of

the connection of an effect with its cause (*principium causalitatis*), insisting that such proposition a priori was impossible. According to his conclusions, then, all that we term metaphysical science is a mere delusion, arising from the fancied insight of reason into that which is in truth borrowed from experience, and to which habit has given the appearance of necessity. Against this assertion, destructive to all pure philosophy, he would have been guarded, had he had our problem before his eyes in its universality. For he would then have perceived that, according to his own argument, there likewise could not be any pure mathematical science, which assuredly cannot exist without synthetical propositions a priori—an absurdity from which his good understanding must have saved him.

In the solution of the above problem is at the same time comprehended the possibility of the use of pure reason in the foundation and construction of all sciences which contain theoretical knowledge a priori of objects, that is to say, the answer to the following questions:

How is pure mathematical science possible?

How is pure natural science possible?

Respecting these sciences, as they do certainly exist, it may with propriety be asked, how they are possible?—for that they must be possible is shown by the fact of their really existing.\* But as to metaphysics, the miserable progress it has hitherto made, and the fact that of no one system yet brought forward, far as regards its true aim, can it be said that this science really exists, leaves any one at liberty to doubt with reason the very possibility of its existence.

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1. [\*Footnote: As to the existence of pure natural science, or physics, perhaps many may still express doubts. But we have only to look at the different propositions which are commonly treated of at the commencement of proper (empirical) physical science—those, for example,

Yet, in a certain sense, this kind of knowledge must unquestionably be looked upon as given; in other words, metaphysics must be considered as really existing, if not as a science, nevertheless as a natural disposition of the human mind (*metaphysica naturalis*). For human reason, without any instigations imputable to the mere vanity of great knowledge, unceasingly progresses, urged on by its own feeling of need, towards such questions as cannot be answered by any empirical application of reason, or principles derived therefrom; and so there has ever really existed in every man some system of metaphysics. It will always exist, so soon as reason awakes to the exercise of its power of speculation. And now the question arises: "How is metaphysics, as a natural disposition, possible?" In other words, how, from the nature of universal human reason, do those questions arise which pure reason proposes to itself, and which it is impelled by its own feeling of need to answer as well as it can?

But as in all the attempts hitherto made to answer the questions which reason is prompted by its very nature to propose to itself, for example, whether the world had a beginning, or has existed from eternity, it has always met with unavoidable contradictions, we must not rest satisfied with the mere natural disposition of the mind to metaphysics, that is, with the existence of the faculty of pure reason, whence, indeed, some sort of metaphysical system always arises; but it must be possible to arrive at certainty in regard to the question whether we know or do not know the things of which

relating to the permanence of the same quantity of matter, the *vis inertiae*, the equality of action and reaction, etc.—to be soon convinced that they form a science of pure physics (*physica pura*, or *rationalis*), which well deserves to be separately exposed as a special science, in its whole extent, whether that be great or confined.]

metaphysics treats. We must be able to arrive at a decision on the subjects of its questions, or on the ability or inability of reason to form any judgement respecting them; and therefore either to extend with confidence the bounds of our pure reason, or to set strictly defined and safe limits to its action. This last question, which arises out of the above universal problem, would properly run thus: "How is metaphysics possible as a science?"

Thus, the critique of reason leads at last, naturally and necessarily, to science; and, on the other hand, the dogmatical use of reason without criticism leads to groundless assertions, against which others equally specious can always be set, thus ending unavoidably in scepticism.

Besides, this science cannot be of great and formidable prolixity, because it has not to do with objects of reason, the variety of which is inexhaustible, but merely with Reason herself and her problems; problems which arise out of her own bosom, and are not proposed to her by the nature of outward things, but by her own nature. And when once Reason has previously become able completely to understand her own power in regard to objects which she meets with in experience, it will be easy to determine securely the extent and limits of her attempted application to objects beyond the confines of experience.

We may and must, therefore, regard the attempts hitherto made to establish metaphysical science dogmatically as non-existent. For what of analysis, that is, mere dissection of conceptions, is contained in one or other, is not the aim of, but only a preparation for metaphysics proper, which has for its object the extension, by means of synthesis, of our a priori knowledge. And for this purpose, mere analysis is of course useless, because it only shows what is contained in these conceptions, but not how we arrive, a priori, at them; and this it is her duty to show, in order to be able afterwards to determine their valid use in regard to all objects of experience, to all knowledge in general. But little self-denial, indeed, is needed to give up these pretensions, seeing the undeniable, and in the dogmatic mode of procedure, inevitable contradictions of Reason

with herself, have long since ruined the reputation of every system of metaphysics that has appeared up to this time. It will require more firmness to remain undeterred by difficulty from within, and opposition from without, from endeavouring, by a method quite opposed to all those hitherto followed, to further the growth and fruitfulness of a science indispensable to human reason—a science from which every branch it has borne may be cut away, but whose roots remain indestructible.

### *VII. Idea and Division of a Particular Science, under the Name of a Critique of Pure Reason.*

From all that has been said, there results the idea of a particular science, which may be called the Critique of Pure Reason. For reason is the faculty which furnishes us with the principles of knowledge a priori. Hence, pure reason is the faculty which contains the principles of cognizing anything absolutely a priori. An organon of pure reason would be a compendium of those principles according to which alone all pure cognitions a priori can be obtained. The completely extended application of such an organon would afford us a system of pure reason. As this, however, is demanding a great deal, and it is yet doubtful whether any extension of our knowledge be here possible, or, if so, in what cases; we can regard a science of the mere criticism of pure reason, its sources and limits, as the propaedeutic to a system of pure reason. Such a science must not be called a doctrine, but only a critique of pure reason; and its use, in regard to speculation, would be only negative, not to enlarge the bounds of, but to purify, our reason, and to shield it against error—which alone is no little gain. I apply the term transcendental to all knowledge which is not so much occupied with objects as with the mode of our cognition of these objects, so far as this mode of cognition is possible a priori. A system of such conceptions would be called transcendental philosophy. But

this, again, is still beyond the bounds of our present essay. For as such a science must contain a complete exposition not only of our synthetical a priori, but of our analytical a priori knowledge, it is of too wide a range for our present purpose, because we do not require to carry our analysis any farther than is necessary to understand, in their full extent, the principles of synthesis a priori, with which alone we have to do. This investigation, which we cannot properly call a doctrine, but only a transcendental critique, because it aims not at the enlargement, but at the correction and guidance, of our knowledge, and is to serve as a touchstone of the worth or worthlessness of all knowledge a priori, is the sole object of our present essay. Such a critique is consequently, as far as possible, a preparation for an organon; and if this new organon should be found to fail, at least for a canon of pure reason, according to which the complete system of the philosophy of pure reason, whether it extend or limit the bounds of that reason, might one day be set forth both analytically and synthetically. For that this is possible, nay, that such a system is not of so great extent as to preclude the hope of its ever being completed, is evident. For we have not here to do with the nature of outward objects, which is infinite, but solely with the mind, which judges of the nature of objects, and, again, with the mind only in respect of its cognition a priori. And the object of our investigations, as it is not to be sought without, but, altogether within, ourselves, cannot remain concealed, and in all probability is limited enough to be completely surveyed and fairly estimated, according to its worth or worthlessness. Still less let the reader here expect a critique of books and systems of pure reason; our present object is exclusively a critique of the faculty of pure reason itself. Only when we make this critique our foundation, do we possess a pure touchstone for estimating the philosophical value of ancient and modern writings on this subject; and without this criterion, the incompetent historian or judge decides upon and corrects the groundless assertions of others with his own, which have themselves just as little foundation.

Transcendental philosophy is the idea of a science, for which

the Critique of Pure Reason must sketch the whole plan architectonically, that is, from principles, with a full guarantee for the validity and stability of all the parts which enter into the building. It is the system of all the principles of pure reason. If this Critique itself does not assume the title of transcendental philosophy, it is only because, to be a complete system, it ought to contain a full analysis of all human knowledge a priori. Our critique must, indeed, lay before us a complete enumeration of all the radical conceptions which constitute the said pure knowledge. But from the complete analysis of these conceptions themselves, as also from a complete investigation of those derived from them, it abstains with reason; partly because it would be deviating from the end in view to occupy itself with this analysis, since this process is not attended with the difficulty and insecurity to be found in the synthesis, to which our critique is entirely devoted, and partly because it would be inconsistent with the unity of our plan to burden this essay with the vindication of the completeness of such an analysis and deduction, with which, after all, we have at present nothing to do. This completeness of the analysis of these radical conceptions, as well as of the deduction from the conceptions a priori which may be given by the analysis, we can, however, easily attain, provided only that we are in possession of all these radical conceptions, which are to serve as principles of the synthesis, and that in respect of this main purpose nothing is wanting.

To the Critique of Pure Reason, therefore, belongs all that constitutes transcendental philosophy; and it is the complete idea of transcendental philosophy, but still not the science itself; because it only proceeds so far with the analysis as is necessary to the power of judging completely of our synthetical knowledge a priori.

The principal thing we must attend to, in the division of the parts of a science like this, is that no conceptions must enter it which contain aught empirical; in other words, that the knowledge a priori must be completely pure. Hence, although the highest principles and fundamental conceptions of morality are certainly cognitions a priori, yet they do not belong to transcendental philosophy;

because, though they certainly do not lay the conceptions of pain, pleasure, desires, inclinations, etc. (which are all of empirical origin), at the foundation of its precepts, yet still into the conception of duty—as an obstacle to be overcome, or as an incitement which should not be made into a motive—these empirical conceptions must necessarily enter, in the construction of a system of pure morality. Transcendental philosophy is consequently a philosophy of the pure and merely speculative reason. For all that is practical, so far as it contains motives, relates to feelings, and these belong to empirical sources of cognition.

If we wish to divide this science from the universal point of view of a science in general, it ought to comprehend, first, a Doctrine of the Elements, and, secondly, a Doctrine of the Method of pure reason. Each of these main divisions will have its subdivisions, the separate reasons for which we cannot here particularize. Only so much seems necessary, by way of introduction of premonition, that there are two sources of human knowledge (which probably spring from a common, but to us unknown root), namely, sense and understanding. By the former, objects are given to us; by the latter, thought. So far as the faculty of sense may contain representations a priori, which form the conditions under which objects are given, in so far it belongs to transcendental philosophy. The transcendental doctrine of sense must form the first part of our science of elements, because the conditions under which alone the objects of human knowledge are given must precede those under which they are thought.

# 44. Rene Descartes: Discourse on Method (Part 4)

## PART IV

I am in doubt as to the propriety of making my first meditations in the place above mentioned matter of discourse; for these are so metaphysical, and so uncommon, as not, perhaps, to be acceptable to every one. And yet, that it may be determined whether the foundations that I have laid are sufficiently secure, I find myself in a measure constrained to advert to them. I had long before remarked that, in relation to practice, it is sometimes necessary to adopt, as if above doubt, opinions which we discern to be highly uncertain, as has been already said; but as I then desired to give my attention solely to the search after truth, I thought that a procedure exactly the opposite was called for, and that I ought to reject as absolutely false all opinions in regard to which I could suppose the least ground for doubt, in order to ascertain whether after that there remained aught in my belief that was wholly indubitable. Accordingly, seeing that our senses sometimes deceive us, I was willing to suppose that there existed nothing really such as they presented to us; and because some men err in reasoning, and fall into paralogisms, even on the simplest matters of geometry, I, convinced that I was as open to error as any other, rejected as false all the reasonings I had hitherto taken for demonstrations; and finally, when I considered that the very same thoughts (presentations) which we experience when awake may also be experienced when we are asleep, while there is at that time not one of them true, I supposed that all the objects (presentations) that had ever entered into my mind when awake, had in them no more truth than the illusions of my dreams. But immediately upon this I observed that, whilst I thus wished to

think that all was false, it was absolutely necessary that I, who thus thought, should be somewhat; and as I observed that this truth, I think, therefore I am (COGITO ERGO SUM), was so certain and of such evidence that no ground of doubt, however extravagant, could be alleged by the sceptics capable of shaking it, I concluded that I might, without scruple, accept it as the first principle of the philosophy of which I was in search.

In the next place, I attentively examined what I was and as I observed that I could suppose that I had no body, and that there was no world nor any place in which I might be; but that I could not therefore suppose that I was not; and that, on the contrary, from the very circumstance that I thought to doubt of the truth of other things, it most clearly and certainly followed that I was; while, on the other hand, if I had only ceased to think, although all the other objects which I had ever imagined had been in reality existent, I would have had no reason to believe that I existed; I thence concluded that I was a substance whose whole essence or nature consists only in thinking, and which, that it may exist, has need of no place, nor is dependent on any material thing; so that "I," that is to say, the mind by which I am what I am, is wholly distinct from the body, and is even more easily known than the latter, and is such, that although the latter were not, it would still continue to be all that it is.

After this I inquired in general into what is essential to the truth and certainty of a proposition; for since I had discovered one which I knew to be true, I thought that I must likewise be able to discover the ground of this certitude. And as I observed that in the words I think, therefore I am, there is nothing at all which gives me assurance of their truth beyond this, that I see very clearly that in order to think it is necessary to exist, I concluded that I might take, as a general rule, the principle, that all the things which we very clearly and distinctly conceive are true, only observing, however, that there is some difficulty in rightly determining the objects which we distinctly conceive.

In the next place, from reflecting on the circumstance that I

doubted, and that consequently my being was not wholly perfect (for I clearly saw that it was a greater perfection to know than to doubt), I was led to inquire whence I had learned to think of something more perfect than myself; and I clearly recognized that I must hold this notion from some nature which in reality was more perfect. As for the thoughts of many other objects external to me, as of the sky, the earth, light, heat, and a thousand more, I was less at a loss to know whence these came; for since I remarked in them nothing which seemed to render them superior to myself, I could believe that, if these were true, they were dependencies on my own nature, in so far as it possessed a certain perfection, and, if they were false, that I held them from nothing, that is to say, that they were in me because of a certain imperfection of my nature. But this could not be the case with the idea of a nature more perfect than myself; for to receive it from nothing was a thing manifestly impossible; and, because it is not less repugnant that the more perfect should be an effect of, and dependence on the less perfect, than that something should proceed from nothing, it was equally impossible that I could hold it from myself: accordingly, it but remained that it had been placed in me by a nature which was in reality more perfect than mine, and which even possessed within itself all the perfections of which I could form any idea; that is to say, in a single word, which was God. And to this I added that, since I knew some perfections which I did not possess, I was not the only being in existence (I will here, with your permission, freely use the terms of the schools); but, on the contrary, that there was of necessity some other more perfect Being upon whom I was dependent, and from whom I had received all that I possessed; for if I had existed alone, and independently of every other being, so as to have had from myself all the perfection, however little, which I actually possessed, I should have been able, for the same reason, to have had from myself the whole remainder of perfection, of the want of which I was conscious, and thus could of myself have become infinite, eternal, immutable, omniscient, all-powerful, and, in fine, have possessed all the perfections which I could recognize

in God. For in order to know the nature of God (whose existence has been established by the preceding reasonings), as far as my own nature permitted, I had only to consider in reference to all the properties of which I found in my mind some idea, whether their possession was a mark of perfection; and I was assured that no one which indicated any imperfection was in him, and that none of the rest was wanting. Thus I perceived that doubt, inconstancy, sadness, and such like, could not be found in God, since I myself would have been happy to be free from them. Besides, I had ideas of many sensible and corporeal things; for although I might suppose that I was dreaming, and that all which I saw or imagined was false, I could not, nevertheless, deny that the ideas were in reality in my thoughts. But, because I had already very clearly recognized in myself that the intelligent nature is distinct from the corporeal, and as I observed that all composition is an evidence of dependency, and that a state of dependency is manifestly a state of imperfection, I therefore determined that it could not be a perfection in God to be compounded of these two natures and that consequently he was not so compounded; but that if there were any bodies in the world, or even any intelligences, or other natures that were not wholly perfect, their existence depended on his power in such a way that they could not subsist without him for a single moment.

I was disposed straightway to search for other truths and when I had represented to myself the object of the geometers, which I conceived to be a continuous body or a space indefinitely extended in length, breadth, and height or depth, divisible into divers parts which admit of different figures and sizes, and of being moved or transposed in all manner of ways (for all this the geometers suppose to be in the object they contemplate), I went over some of their simplest demonstrations. And, in the first place, I observed, that the great certitude which by common consent is accorded to these demonstrations, is founded solely upon this, that they are clearly conceived in accordance with the rules I have already laid down. In the next place, I perceived that there was nothing at all in these demonstrations which could assure me of the existence of

their object: thus, for example, supposing a triangle to be given, I distinctly perceived that its three angles were necessarily equal to two right angles, but I did not on that account perceive anything which could assure me that any triangle existed: while, on the contrary, recurring to the examination of the idea of a Perfect Being, I found that the existence of the Being was comprised in the idea in the same way that the equality of its three angles to two right angles is comprised in the idea of a triangle, or as in the idea of a sphere, the equidistance of all points on its surface from the center, or even still more clearly; and that consequently it is at least as certain that God, who is this Perfect Being, is, or exists, as any demonstration of geometry can be.

But the reason which leads many to persuade them selves that there is a difficulty in knowing this truth, and even also in knowing what their mind really is, is that they never raise their thoughts above sensible objects, and are so accustomed to consider nothing except by way of imagination, which is a mode of thinking limited to material objects, that all that is not imaginable seems to them not intelligible. The truth of this is sufficiently manifest from the single circumstance, that the philosophers of the schools accept as a maxim that there is nothing in the understanding which was not previously in the senses, in which however it is certain that the ideas of God and of the soul have never been; and it appears to me that they who make use of their imagination to comprehend these ideas do exactly the some thing as if, in order to hear sounds or smell odors, they strove to avail themselves of their eyes; unless indeed that there is this difference, that the sense of sight does not afford us an inferior assurance to those of smell or hearing; in place of which, neither our imagination nor our senses can give us assurance of anything unless our understanding intervene.

Finally, if there be still persons who are not sufficiently persuaded of the existence of God and of the soul, by the reasons I have adduced, I am desirous that they should know that all the other propositions, of the truth of which they deem themselves perhaps more assured, as that we have a body, and that there exist stars

and an earth, and such like, are less certain; for, although we have a moral assurance of these things, which is so strong that there is an appearance of extravagance in doubting of their existence, yet at the same time no one, unless his intellect is impaired, can deny, when the question relates to a metaphysical certitude, that there is sufficient reason to exclude entire assurance, in the observation that when asleep we can in the same way imagine ourselves possessed of another body and that we see other stars and another earth, when there is nothing of the kind. For how do we know that the thoughts which occur in dreaming are false rather than those other which we experience when awake, since the former are often not less vivid and distinct than the latter? And though men of the highest genius study this question as long as they please, I do not believe that they will be able to give any reason which can be sufficient to remove this doubt, unless they presuppose the existence of God. For, in the first place even the principle which I have already taken as a rule, viz., that all the things which we clearly and distinctly conceive are true, is certain only because God is or exists and because he is a Perfect Being, and because all that we possess is derived from him: whence it follows that our ideas or notions, which to the extent of their clearness and distinctness are real, and proceed from God, must to that extent be true. Accordingly, whereas we not infrequently have ideas or notions in which some falsity is contained, this can only be the case with such as are to some extent confused and obscure, and in this proceed from nothing (participate of negation), that is, exist in us thus confused because we are not wholly perfect. And it is evident that it is not less repugnant that falsity or imperfection, in so far as it is imperfection, should proceed from God, than that truth or perfection should proceed from nothing. But if we did not know that all which we possess of real and true proceeds from a Perfect and Infinite Being, however clear and distinct our ideas might be, we should have no ground on that account for the assurance that they possessed the perfection of being true.

But after the knowledge of God and of the soul has rendered

us certain of this rule, we can easily understand that the truth of the thoughts we experience when awake, ought not in the slightest degree to be called in question on account of the illusions of our dreams. For if it happened that an individual, even when asleep, had some very distinct idea, as, for example, if a geometer should discover some new demonstration, the circumstance of his being asleep would not militate against its truth; and as for the most ordinary error of our dreams, which consists in their representing to us various objects in the same way as our external senses, this is not prejudicial, since it leads us very properly to suspect the truth of the ideas of sense; for we are not infrequently deceived in the same manner when awake; as when persons in the jaundice see all objects yellow, or when the stars or bodies at a great distance appear to us much smaller than they are. For, in fine, whether awake or asleep, we ought never to allow ourselves to be persuaded of the truth of anything unless on the evidence of our reason. And it must be noted that I say of our reason, and not of our imagination or of our senses: thus, for example, although we very clearly see the sun, we ought not therefore to determine that it is only of the size which our sense of sight presents; and we may very distinctly imagine the head of a lion joined to the body of a goat, without being therefore shut up to the conclusion that a chimaera exists; for it is not a dictate of reason that what we thus see or imagine is in reality existent; but it plainly tells us that all our ideas or notions contain in them some truth; for otherwise it could not be that God, who is wholly perfect and veracious, should have placed them in us. And because our reasonings are never so clear or so complete during sleep as when we are awake, although sometimes the acts of our imagination are then as lively and distinct, if not more so than in our waking moments, reason further dictates that, since all our thoughts cannot be true because of our partial imperfection, those possessing truth must infallibly be found in the experience of our waking moments rather than in that of our dreams.

# 45. Rene Descartes: Discourse on Method (Parts I and 2)

## DISCOURSE ON THE METHOD OF RIGHTLY CONDUCTING THE REASON, AND SEEKING TRUTH IN THE SCIENCES

by

**Rene Descartes**

### PREFATORY NOTE BY THE AUTHOR

If this Discourse appear too long to be read at once, it may be divided into six Parts: and, in the first, will be found various considerations touching the Sciences; in the second, the principal rules of the Method which the Author has discovered, in the third, certain of the rules of Morals which he has deduced from this Method; in the fourth, the reasonings by which he establishes the existence of God and of the Human Soul, which are the foundations of his Metaphysic; in the fifth, the order of the Physical questions which he has investigated, and, in particular, the explication of the motion of the heart and of some other difficulties pertaining to

Medicine, as also the difference between the soul of man and that of the brutes; and, in the last, what the Author believes to be required in order to greater advancement in the investigation of Nature than has yet been made, with the reasons that have induced him to write.

## PART I

Good sense is, of all things among men, the most equally distributed; for every one thinks himself so abundantly provided with it, that those even who are the most difficult to satisfy in everything else, do not usually desire a larger measure of this quality than they already possess. And in this it is not likely that all are mistaken the conviction is rather to be held as testifying that the power of judging aright and of distinguishing truth from error, which is properly what is called good sense or reason, is by nature equal in all men; and that the diversity of our opinions, consequently, does not arise from some being endowed with a larger share of reason than others, but solely from this, that we conduct our thoughts along different ways, and do not fix our attention on the same objects. For to be possessed of a vigorous mind is not enough; the prime requisite is rightly to apply it. The greatest minds, as they are capable of the highest excellences, are open likewise to the greatest aberrations; and those who travel very slowly may yet make far greater progress, provided they keep always to the straight road, than those who, while they run, forsake it.

For myself, I have never fancied my mind to be in any respect more perfect than those of the generality; on the contrary, I have often wished that I were equal to some others in promptitude of thought, or in clearness and distinctness of imagination, or in fullness and readiness of memory. And besides these, I know of no other qualities that contribute to the perfection of the mind; for as to the reason or sense, inasmuch as it is that alone which constitutes us men, and distinguishes us from the brutes, I am

disposed to believe that it is to be found complete in each individual; and on this point to adopt the common opinion of philosophers, who say that the difference of greater and less holds only among the accidents, and not among the forms or natures of individuals of the same species.

I will not hesitate, however, to avow my belief that it has been my singular good fortune to have very early in life fallen in with certain tracks which have conducted me to considerations and maxims, of which I have formed a method that gives me the means, as I think, of gradually augmenting my knowledge, and of raising it by little and little to the highest point which the mediocrity of my talents and the brief duration of my life will permit me to reach. For I have already reaped from it such fruits that, although I have been accustomed to think lowly enough of myself, and although when I look with the eye of a philosopher at the varied courses and pursuits of mankind at large, I find scarcely one which does not appear in vain and useless, I nevertheless derive the highest satisfaction from the progress I conceive myself to have already made in the search after truth, and cannot help entertaining such expectations of the future as to believe that if, among the occupations of men as men, there is any one really excellent and important, it is that which I have chosen.

After all, it is possible I may be mistaken; and it is but a little copper and glass, perhaps, that I take for gold and diamonds. I know how very liable we are to delusion in what relates to ourselves, and also how much the judgments of our friends are to be suspected when given in our favor. But I shall endeavor in this discourse to describe the paths I have followed, and to delineate my life as in a picture, in order that each one may also be able to judge of them for himself, and that in the general opinion entertained of them, as gathered from current report, I myself may have a new help towards instruction to be added to those I have been in the habit of employing.

My present design, then, is not to teach the method which each ought to follow for the right conduct of his reason, but solely to describe the way in which I have endeavored to conduct my own.

They who set themselves to give precepts must of course regard themselves as possessed of greater skill than those to whom they prescribe; and if they err in the slightest particular, they subject themselves to censure. But as this tract is put forth merely as a history, or, if you will, as a tale, in which, amid some examples worthy of imitation, there will be found, perhaps, as many more which it were advisable not to follow, I hope it will prove useful to some without being hurtful to any, and that my openness will find some favor with all.

From my childhood, I have been familiar with letters; and as I was given to believe that by their help a clear and certain knowledge of all that is useful in life might be acquired, I was ardently desirous of instruction. But as soon as I had finished the entire course of study, at the close of which it is customary to be admitted into the order of the learned, I completely changed my opinion. For I found myself involved in so many doubts and errors, that I was convinced I had advanced no farther in all my attempts at learning, than the discovery at every turn of my own ignorance. And yet I was studying in one of the most celebrated schools in Europe, in which I thought there must be learned men, if such were anywhere to be found. I had been taught all that others learned there; and not contented with the sciences actually taught us, I had, in addition, read all the books that had fallen into my hands, treating of such branches as are esteemed the most curious and rare. I knew the judgment which others had formed of me; and I did not find that I was considered inferior to my fellows, although there were among them some who were already marked out to fill the places of our instructors. And, in fine, our age appeared to me as flourishing, and as fertile in powerful minds as any preceding one. I was thus led to take the liberty of judging of all other men by myself, and of concluding that there was no science in existence that was of such a nature as I had previously been given to believe.

I still continued, however, to hold in esteem the studies of the schools. I was aware that the languages taught in them are necessary to the understanding of the writings of the ancients;

that the grace of fable stirs the mind; that the memorable deeds of history elevate it; and, if read with discretion, aid in forming the judgment; that the perusal of all excellent books is, as it were, to interview with the noblest men of past ages, who have written them, and even a studied interview, in which are discovered to us only their choicest thoughts; that eloquence has incomparable force and beauty; that poesy has its ravishing graces and delights; that in the mathematics there are many refined discoveries eminently suited to gratify the inquisitive, as well as further all the arts and lessen the labour of man; that numerous highly useful precepts and exhortations to virtue are contained in treatises on morals; that theology points out the path to heaven; that philosophy affords the means of discoursing with an appearance of truth on all matters, and commands the admiration of the more simple; that jurisprudence, medicine, and the other sciences, secure for their cultivators honors and riches; and, in fine, that it is useful to bestow some attention upon all, even upon those abounding the most in superstition and error, that we may be in a position to determine their real value, and guard against being deceived.

But I believed that I had already given sufficient time to languages, and likewise to the reading of the writings of the ancients, to their histories and fables. For to hold converse with those of other ages and to travel, are almost the same thing. It is useful to know something of the manners of different nations, that we may be enabled to form a more correct judgment regarding our own, and be prevented from thinking that everything contrary to our customs is ridiculous and irrational, a conclusion usually come to by those whose experience has been limited to their own country. On the other hand, when too much time is occupied in traveling, we become strangers to our native country; and the over curious in the customs of the past are generally ignorant of those of the present. Besides, fictitious narratives lead us to imagine the possibility of many events that are impossible; and even the most faithful histories, if they do not wholly misrepresent matters, or exaggerate their importance to render the account of them more worthy of

perusal, omit, at least, almost always the meanest and least striking of the attendant circumstances; hence it happens that the remainder does not represent the truth, and that such as regulate their conduct by examples drawn from this source, are apt to fall into the extravagances of the knight-errants of romance, and to entertain projects that exceed their powers.

I esteemed eloquence highly, and was in raptures with poesy; but I thought that both were gifts of nature rather than fruits of study. Those in whom the faculty of reason is predominant, and who most skillfully dispose their thoughts with a view to render them clear and intelligible, are always the best able to persuade others of the truth of what they lay down, though they should speak only in the language of Lower Brittany, and be wholly ignorant of the rules of rhetoric; and those whose minds are stored with the most agreeable fancies, and who can give expression to them with the greatest embellishment and harmony, are still the best poets, though unacquainted with the art of poetry.

I was especially delighted with the mathematics, on account of the certitude and evidence of their reasonings; but I had not as yet a precise knowledge of their true use; and thinking that they but contributed to the advancement of the mechanical arts, I was astonished that foundations, so strong and solid, should have had no loftier superstructure reared on them. On the other hand, I compared the disquisitions of the ancient moralists to very towering and magnificent palaces with no better foundation than sand and mud: they laud the virtues very highly, and exhibit them as estimable far above anything on earth; but they give us no adequate criterion of virtue, and frequently that which they designate with so fine a name is but apathy, or pride, or despair, or parricide.

I revered our theology, and aspired as much as any one to reach heaven: but being given assuredly to understand that the way is not less open to the most ignorant than to the most learned, and that the revealed truths which lead to heaven are above our comprehension, I did not presume to subject them to the impotency of my reason; and I thought that in order competently to undertake

their examination, there was need of some special help from heaven, and of being more than man.

Of philosophy I will say nothing, except that when I saw that it had been cultivated for many ages by the most distinguished men, and that yet there is not a single matter within its sphere which is not still in dispute, and nothing, therefore, which is above doubt, I did not presume to anticipate that my success would be greater in it than that of others; and further, when I considered the number of conflicting opinions touching a single matter that may be upheld by learned men, while there can be but one true, I reckoned as well-nigh false all that was only probable.

As to the other sciences, inasmuch as these borrow their principles from philosophy, I judged that no solid superstructures could be reared on foundations so infirm; and neither the honor nor the gain held out by them was sufficient to determine me to their cultivation: for I was not, thank Heaven, in a condition which compelled me to make merchandise of science for the bettering of my fortune; and though I might not profess to scorn glory as a cynic, I yet made very slight account of that honor which I hoped to acquire only through fictitious titles. And, in fine, of false sciences I thought I knew the worth sufficiently to escape being deceived by the professions of an alchemist, the predictions of an astrologer, the impostures of a magician, or by the artifices and boasting of any of those who profess to know things of which they are ignorant.

For these reasons, as soon as my age permitted me to pass from under the control of my instructors, I entirely abandoned the study of letters, and resolved no longer to seek any other science than the knowledge of myself, or of the great book of the world. I spent the remainder of my youth in traveling, in visiting courts and armies, in holding intercourse with men of different dispositions and ranks, in collecting varied experience, in proving myself in the different situations into which fortune threw me, and, above all, in making such reflection on the matter of my experience as to secure my improvement. For it occurred to me that I should find much more truth in the reasonings of each individual with reference to the

affairs in which he is personally interested, and the issue of which must presently punish him if he has judged amiss, than in those conducted by a man of letters in his study, regarding speculative matters that are of no practical moment, and followed by no consequences to himself, farther, perhaps, than that they foster his vanity the better the more remote they are from common sense; requiring, as they must in this case, the exercise of greater ingenuity and art to render them probable. In addition, I had always a most earnest desire to know how to distinguish the true from the false, in order that I might be able clearly to discriminate the right path in life, and proceed in it with confidence.

It is true that, while busied only in considering the manners of other men, I found here, too, scarce any ground for settled conviction, and remarked hardly less contradiction among them than in the opinions of the philosophers. So that the greatest advantage I derived from the study consisted in this, that, observing many things which, however extravagant and ridiculous to our apprehension, are yet by common consent received and approved by other great nations, I learned to entertain too decided a belief in regard to nothing of the truth of which I had been persuaded merely by example and custom; and thus I gradually extricated myself from many errors powerful enough to darken our natural intelligence, and incapacitate us in great measure from listening to reason. But after I had been occupied several years in thus studying the book of the world, and in essaying to gather some experience, I at length resolved to make myself an object of study, and to employ all the powers of my mind in choosing the paths I ought to follow, an undertaking which was accompanied with greater success than it would have been had I never quitted my country or my books.

## PART II

I was then in Germany, attracted thither by the wars in that country,

which have not yet been brought to a termination; and as I was returning to the army from the coronation of the emperor, the setting in of winter arrested me in a locality where, as I found no society to interest me, and was besides fortunately undisturbed by any cares or passions, I remained the whole day in seclusion, with full opportunity to occupy my attention with my own thoughts. Of these one of the very first that occurred to me was, that there is seldom so much perfection in works composed of many separate parts, upon which different hands had been employed, as in those completed by a single master. Thus it is observable that the buildings which a single architect has planned and executed, are generally more elegant and commodious than those which several have attempted to improve, by making old walls serve for purposes for which they were not originally built. Thus also, those ancient cities which, from being at first only villages, have become, in course of time, large towns, are usually but ill laid out compared with the regularity constructed towns which a professional architect has freely planned on an open plain; so that although the several buildings of the former may often equal or surpass in beauty those of the latter, yet when one observes their indiscriminate juxtaposition, there a large one and here a small, and the consequent crookedness and irregularity of the streets, one is disposed to allege that chance rather than any human will guided by reason must have led to such an arrangement. And if we consider that nevertheless there have been at all times certain officers whose duty it was to see that private buildings contributed to public ornament, the difficulty of reaching high perfection with but the materials of others to operate on, will be readily acknowledged. In the same way I fancied that those nations which, starting from a semi-barbarous state and advancing to civilization by slow degrees, have had their laws successively determined, and, as it were, forced upon them simply by experience of the hurtfulness of particular crimes and disputes, would by this process come to be possessed of less perfect institutions than those which, from the commencement of their association as communities, have followed the

appointments of some wise legislator. It is thus quite certain that the constitution of the true religion, the ordinances of which are derived from God, must be incomparably superior to that of every other. And, to speak of human affairs, I believe that the pre-eminence of Sparta was due not to the goodness of each of its laws in particular, for many of these were very strange, and even opposed to good morals, but to the circumstance that, originated by a single individual, they all tended to a single end. In the same way I thought that the sciences contained in books (such of them at least as are made up of probable reasonings, without demonstrations), composed as they are of the opinions of many different individuals massed together, are farther removed from truth than the simple inferences which a man of good sense using his natural and unprejudiced judgment draws respecting the matters of his experience. And because we have all to pass through a state of infancy to manhood, and have been of necessity, for a length of time, governed by our desires and preceptors (whose dictates were frequently conflicting, while neither perhaps always counseled us for the best), I farther concluded that it is almost impossible that our judgments can be so correct or solid as they would have been, had our reason been mature from the moment of our birth, and had we always been guided by it alone.

It is true, however, that it is not customary to pull down all the houses of a town with the single design of rebuilding them differently, and thereby rendering the streets more handsome; but it often happens that a private individual takes down his own with the view of erecting it anew, and that people are even sometimes constrained to this when their houses are in danger of falling from age, or when the foundations are insecure. With this before me by way of example, I was persuaded that it would indeed be preposterous for a private individual to think of reforming a state by fundamentally changing it throughout, and overturning it in order to set it up amended; and the same I thought was true of any similar project for reforming the body of the sciences, or the order of teaching them established in the schools: but as for the opinions

which up to that time I had embraced, I thought that I could not do better than resolve at once to sweep them wholly away, that I might afterwards be in a position to admit either others more correct, or even perhaps the same when they had undergone the scrutiny of reason. I firmly believed that in this way I should much better succeed in the conduct of my life, than if I built only upon old foundations, and leaned upon principles which, in my youth, I had taken upon trust. For although I recognized various difficulties in this undertaking, these were not, however, without remedy, nor once to be compared with such as attend the slightest reformation in public affairs. Large bodies, if once overthrown, are with great difficulty set up again, or even kept erect when once seriously shaken, and the fall of such is always disastrous. Then if there are any imperfections in the constitutions of states (and that many such exist the diversity of constitutions is alone sufficient to assure us), custom has without doubt materially smoothed their inconveniences, and has even managed to steer altogether clear of, or insensibly corrected a number which sagacity could not have provided against with equal effect; and, in fine, the defects are almost always more tolerable than the change necessary for their removal; in the same manner that highways which wind among mountains, by being much frequented, become gradually so smooth and commodious, that it is much better to follow them than to seek a straighter path by climbing over the tops of rocks and descending to the bottoms of precipices.

Hence it is that I cannot in any degree approve of those restless and busy meddlers who, called neither by birth nor fortune to take part in the management of public affairs, are yet always projecting reforms; and if I thought that this tract contained aught which might justify the suspicion that I was a victim of such folly, I would by no means permit its publication. I have never contemplated anything higher than the reformation of my own opinions, and basing them on a foundation wholly my own. And although my own satisfaction with my work has led me to present here a draft of it, I do not by any means therefore recommend to every one else to

make a similar attempt. Those whom God has endowed with a larger measure of genius will entertain, perhaps, designs still more exalted; but for the many I am much afraid lest even the present undertaking be more than they can safely venture to imitate. The single design to strip one's self of all past beliefs is one that ought not to be taken by every one. The majority of men is composed of two classes, for neither of which would this be at all a befitting resolution: in the first place, of those who with more than a due confidence in their own powers, are precipitate in their judgments and want the patience requisite for orderly and circumspect thinking; whence it happens, that if men of this class once take the liberty to doubt of their accustomed opinions, and quit the beaten highway, they will never be able to thread the byway that would lead them by a shorter course, and will lose themselves and continue to wander for life; in the second place, of those who, possessed of sufficient sense or modesty to determine that there are others who excel them in the power of discriminating between truth and error, and by whom they may be instructed, ought rather to content themselves with the opinions of such than trust for more correct to their own reason.

For my own part, I should doubtless have belonged to the latter class, had I received instruction from but one master, or had I never known the diversities of opinion that from time immemorial have prevailed among men of the greatest learning. But I had become aware, even so early as during my college life, that no opinion, however absurd and incredible, can be imagined, which has not been maintained by some one of the philosophers; and afterwards in the course of my travels I remarked that all those whose opinions are decidedly repugnant to ours are not in that account barbarians and savages, but on the contrary that many of these nations make an equally good, if not better, use of their reason than we do. I took into account also the very different character which a person brought up from infancy in France or Germany exhibits, from that which, with the same mind originally, this individual would have possessed had he lived always among the Chinese or with savages, and the circumstance that in dress itself the fashion which pleased

us ten years ago, and which may again, perhaps, be received into favor before ten years have gone, appears to us at this moment extravagant and ridiculous. I was thus led to infer that the ground of our opinions is far more custom and example than any certain knowledge. And, finally, although such be the ground of our opinions, I remarked that a plurality of suffrages is no guarantee of truth where it is at all of difficult discovery, as in such cases it is much more likely that it will be found by one than by many. I could, however, select from the crowd no one whose opinions seemed worthy of preference, and thus I found myself constrained, as it were, to use my own reason in the conduct of my life.

But like one walking alone and in the dark, I resolved to proceed so slowly and with such circumspection, that if I did not advance far, I would at least guard against falling. I did not even choose to dismiss summarily any of the opinions that had crept into my belief without having been introduced by reason, but first of all took sufficient time carefully to satisfy myself of the general nature of the task I was setting myself, and ascertain the true method by which to arrive at the knowledge of whatever lay within the compass of my powers.

Among the branches of philosophy, I had, at an earlier period, given some attention to logic, and among those of the mathematics to geometrical analysis and algebra,—three arts or sciences which ought, as I conceived, to contribute something to my design. But, on examination, I found that, as for logic, its syllogisms and the majority of its other precepts are of avail—rather in the communication of what we already know, or even as the art of Lully, in speaking without judgment of things of which we are ignorant, than in the investigation of the unknown; and although this science contains indeed a number of correct and very excellent precepts, there are, nevertheless, so many others, and these either injurious or superfluous, mingled with the former, that it is almost quite as difficult to effect a severance of the true from the false as it is to extract a Diana or a Minerva from a rough block of marble. Then as to the analysis of the ancients and the algebra of the moderns,

besides that they embrace only matters highly abstract, and, to appearance, of no use, the former is so exclusively restricted to the consideration of figures, that it can exercise the understanding only on condition of greatly fatiguing the imagination; and, in the latter, there is so complete a subjection to certain rules and formulas, that there results an art full of confusion and obscurity calculated to embarrass, instead of a science fitted to cultivate the mind. By these considerations I was induced to seek some other method which would comprise the advantages of the three and be exempt from their defects. And as a multitude of laws often only hampers justice, so that a state is best governed when, with few laws, these are rigidly administered; in like manner, instead of the great number of precepts of which logic is composed, I believed that the four following would prove perfectly sufficient for me, provided I took the firm and unwavering resolution never in a single instance to fail in observing them.

The first was never to accept anything for true which I did not clearly know to be such; that is to say, carefully to avoid precipitancy and prejudice, and to comprise nothing more in my judgement than what was presented to my mind so clearly and distinctly as to exclude all ground of doubt.

The second, to divide each of the difficulties under examination into as many parts as possible, and as might be necessary for its adequate solution.

The third, to conduct my thoughts in such order that, by commencing with objects the simplest and easiest to know, I might ascend by little and little, and, as it were, step by step, to the knowledge of the more complex; assigning in thought a certain order even to those objects which in their own nature do not stand in a relation of antecedence and sequence.

And the last, in every case to make enumerations so complete, and reviews so general, that I might be assured that nothing was omitted.

The long chains of simple and easy reasonings by means of which geometers are accustomed to reach the conclusions of their most

difficult demonstrations, had led me to imagine that all things, to the knowledge of which man is competent, are mutually connected in the same way, and that there is nothing so far removed from us as to be beyond our reach, or so hidden that we cannot discover it, provided only we abstain from accepting the false for the true, and always preserve in our thoughts the order necessary for the deduction of one truth from another. And I had little difficulty in determining the objects with which it was necessary to commence, for I was already persuaded that it must be with the simplest and easiest to know, and, considering that of all those who have hitherto sought truth in the sciences, the mathematicians alone have been able to find any demonstrations, that is, any certain and evident reasons, I did not doubt but that such must have been the rule of their investigations. I resolved to commence, therefore, with the examination of the simplest objects, not anticipating, however, from this any other advantage than that to be found in accustoming my mind to the love and nourishment of truth, and to a distaste for all such reasonings as were unsound. But I had no intention on that account of attempting to master all the particular sciences commonly denominated mathematics: but observing that, however different their objects, they all agree in considering only the various relations or proportions subsisting among those objects, I thought it best for my purpose to consider these proportions in the most general form possible, without referring them to any objects in particular, except such as would most facilitate the knowledge of them, and without by any means restricting them to these, that afterwards I might thus be the better able to apply them to every other class of objects to which they are legitimately applicable. Perceiving further, that in order to understand these relations I should sometimes have to consider them one by one and sometimes only to bear them in mind, or embrace them in the aggregate, I thought that, in order the better to consider them individually, I should view them as subsisting between straight lines, than which I could find no objects more simple, or capable of being more distinctly represented to my imagination and senses; and on the

other hand, that in order to retain them in the memory or embrace an aggregate of many, I should express them by certain characters the briefest possible. In this way I believed that I could borrow all that was best both in geometrical analysis and in algebra, and correct all the defects of the one by help of the other.

And, in point of fact, the accurate observance of these few precepts gave me, I take the liberty of saying, such ease in unraveling all the questions embraced in these two sciences, that in the two or three months I devoted to their examination, not only did I reach solutions of questions I had formerly deemed exceedingly difficult but even as regards questions of the solution of which I continued ignorant, I was enabled, as it appeared to me, to determine the means whereby, and the extent to which a solution was possible; results attributable to the circumstance that I commenced with the simplest and most general truths, and that thus each truth discovered was a rule available in the discovery of subsequent ones Nor in this perhaps shall I appear too vain, if it be considered that, as the truth on any particular point is one whoever apprehends the truth, knows all that on that point can be known. The child, for example, who has been instructed in the elements of arithmetic, and has made a particular addition, according to rule, may be assured that he has found, with respect to the sum of the numbers before him, and that in this instance is within the reach of human genius. Now, in conclusion, the method which teaches adherence to the true order, and an exact enumeration of all the conditions of the thing sought includes all that gives certitude to the rules of arithmetic.

But the chief ground of my satisfaction with thus method, was the assurance I had of thereby exercising my reason in all matters, if not with absolute perfection, at least with the greatest attainable by me: besides, I was conscious that by its use my mind was becoming gradually habituated to clearer and more distinct conceptions of its objects; and I hoped also, from not having restricted this method to any particular matter, to apply it to the difficulties of the other sciences, with not less success than to those of algebra. I should not,

however, on this account have ventured at once on the examination of all the difficulties of the sciences which presented themselves to me, for this would have been contrary to the order prescribed in the method, but observing that the knowledge of such is dependent on principles borrowed from philosophy, in which I found nothing certain, I thought it necessary first of all to endeavor to establish its principles. And because I observed, besides, that an inquiry of this kind was of all others of the greatest moment, and one in which precipitancy and anticipation in judgment were most to be dreaded, I thought that I ought not to approach it till I had reached a more mature age (being at that time but twenty-three), and had first of all employed much of my time in preparation for the work, as well by eradicating from my mind all the erroneous opinions I had up to that moment accepted, as by amassing variety of experience to afford materials for my reasonings, and by continually exercising myself in my chosen method with a view to increased skill in its application.

## 46. Rene Descartes



After receiving a sound education in mathematics, classics, and law at La Flèche and Poitiers, René Descartes embarked on a brief career in military service with Prince Maurice in Holland and Bavaria. Unsatisfied with [scholastic](#) philosophy and troubled by [skepticism](#) of the sort expounded by [Montaigne](#), Descartes soon conceived a comprehensive plan for applying mathematical

methods in order to achieve perfect certainty in human knowledge. During a twenty-year period of secluded life in Holland, he produced the body of work that secured his philosophical reputation. Descartes moved to Sweden in 1649, but did not survive his first winter there.

Although he wrote extensively, Descartes chose not to publish his earliest efforts at expressing the universal method and deriving its consequences. The *REGULAE AD DIRECTIONEM INGENII* (RULES FOR THE DIRECTION OF THE MIND) (1628) contain his first full statement of the principles underlying the method and his confidence in the success of their application. In *LE*

MONDE (THE WORLD) (1634), Descartes clearly espoused a Copernican astronomy, but he withheld the book from the public upon learning of [Galileo's](#) condemnation.



Descartes finally presented (in French) his [rationalist](#) vision of the progress of human knowledge in the [DISCOURS DE LA MÉTHODE POUR BIEN CONDUIRE SA RAISON](#)

[ET CHERCHER LA VÉRITÉ DANS LES SCIENCES](#) ([DISCOURSE ON METHOD](#)) (1637). In this [expository essay](#), Descartes assessed the deficient outcomes of a traditional education, proposed a set of rules with which to make a new start, and described the original experience upon which his hope for unifying human knowledge was based. The final sections of the DISCOURSE and the essays (on dioptric, meteors, and geometry) appended to it illustrate [the consequences](#) of employing this method.

A few years later, Descartes offered (in Latin) [a more formal exposition](#) of his central tenets in [MEDITATIONES DE PRIMA PHILOSOPHIA \(MEDITATIONS ON FIRST PHILOSOPHY\)](#) (1641). After



an expanded statement of the [method of doubt](#), he argued that even [the most dire skepticism](#) is overcome by the certainty of [one's own existence as a thinking thing](#). From this beginning, he believed it possible to use our [clear and distinct ideas](#) to demonstrate [the existence of god](#), to establish the reliability of our reason generally despite

the possibility of [error](#), to deduce the [essence of body](#), and to

prove that [material things do exist](#). On these grounds, Descartes defended a strict [dualism](#), according to which [the mind and body are wholly distinct](#), even though it seems evident that they interact. The MEDITATIONS were published together with an extensive set of objections (by [Hobbes](#), [Gassendi](#), [Arnauld](#), and others) and Descartes's replies. Descartes later attempted a more systematic exposition of his views in the PRINCIPIA PHILOSOPHIAE (PRINCIPLES OF PHILOSOPHY) (1644) and an explanation of human emotion in [LES PASSIONS DE L'AME \(THE PASSIONS OF THE SOUL\)](#)

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**Recommended Reading: Primary sources:**

- OEUVRES DE DESCARTES, ed. by C. Adam and P. Tannery (Cerf, 1896-1913)
- THE PHILOSOPHICAL WORKS OF DESCARTES, tr. by E. S. Haldane and G. T. R. Ross. (Cambridge, 1968)
- THE PHILOSOPHICAL WRITINGS OF DESCARTES: THE CORRESPONDENCE, ed. by John Cottingham, et. al. (Cambridge, 1991)
- René Descartes, DISCOURSE ON METHOD AND MEDITATIONS ON FIRST PHILOSOPHY, tr. by Donald A. Cress (Hackett, 1999)
- THE PHILOSOPHICAL WRITINGS OF DESCARTES, tr. by John Cottingham Robert Stoothoff, and Dugald Murdoch (Cambridge, 1985)
- René Descartes, PHILOSOPHICAL ESSAYS AND CORRESPONDENCE, ed. by Roger Ariew (Hackett, 2000)
- René Descartes, THE WORLD AND OTHER WRITINGS, ed. by Stephen Gaukroger (Cambridge, 1998)
- René Descartes, DISCOURSE DE LA METHODE / DISCOURSE ON THE METHOD (Bilingual Edition), ed. by George Heffernan (Notre Dame, 1994)
- René Descartes, MEDITATIONES DE PRIMA PHILOSOPHIA / MEDITATIONS ON FIRST PHILOSOPHY (Bilingual Edition), ed. by George Heffernan (Notre Dame, 1990)

**Secondary sources:**

- Richard Watson, COGITO ERGO SUM: THE LIFE OF RENE DESCARTES (Godine, 2002)
- THE CAMBRIDGE COMPANION TO DESCARTES, ed. by John Cottingham (Cambridge, 1992)
- Marjorie Grene, DESCARTES (Hackett, 1998)
- Anthony Kenny, DESCARTES: A STUDY OF HIS PHILOSOPHY (St. Augustine, 1993)
- Margaret Dauler Wilson, IDEAS AND MECHANISM (Princeton, 1999)
- FEMINIST INTERPRETATIONS OF RENE DESCARTES, ed. by Susan Bordo (Penn. State, 1999)
- John Cottingham, DESCARTES (Routledge, 1999)
- George Dicker, DESCARTES: AN ANALYTICAL AND HISTORICAL INTRODUCTION (Oxford, 1993)
- Daniel E. Flage and Clarence A. Bonnen, DESCARTES AND METHOD: THE SEARCH FOR A METHOD IN THE MEDITATIONS (Routledge, 1999)
- Daniel Garber, DESCARTES EMBODIED: READING CARTESIAN PHILOSOPHY THROUGH CARTESIAN SCIENCE (Cambridge, 2001)
- Roger Florka, DESCARTES'S METAPHYSICAL REASONING (Routledge, 2001)
- Martial Gueroult, DESCARTES' PHILOSOPHY INTERPRETED ACCORDING TO THE ORDER OF REASONS, tr. by Roger Ariew [in two volumes] (Minnesota, 1984)
- E. M. Curley, DESCARTES AGAINST THE SKEPTICS (Iuniverse, 1999)
- Richard Davies, DESCARTES: BELIEF, SCEPTICISM AND VIRTUE (Routledge, 2001)

- 
- Janet Broughton, DESCARTES'S METHOD OF DOUBT (Princeton, 2002)
  - Stephen Gaukroger, DESCARTES'S SYSTEM OF NATURAL PHILOSOPHY (Cambridge, 2002)
  - DESCARTES' NATURAL PHILOSOPHY, ed. by Stephen Gaukroger and John Schuster (Routledge, 2000)
  - Daniel Garber, DESCARTES' METAPHYSICAL PHYSICS (Chicago, 1992)
  - Joseph Almog, WHAT AM I? DESCARTES AND THE MIND-BODY PROBLEM (Oxford, 2002)

**Additional on-line information about Descartes includes:**

- articles in *The Stanford Encyclopedia of Philosophy* on:
    - [Descartes' life and works](#) by Kurt Smith.
    - [Descartes' mathematics](#) by Mary Dornski
    - [Descartes' physics](#) by Edward Slowik
    - [Descartes' epistemology](#) by Lex Newman.
    - [Descartes' modal metaphysics](#) by David Cunning.
    - [Descartes' Ethics](#) by Donald Rutherford.
    - [Descartes' ontological argument](#) by Lawrence Nolan.
  - A thorough article in [The Internet Encyclopedia of Philosophy](#).
  - The [Descartes Web Project](#) from Patricia Easton and Kenneth Brown.
  - A section on Descartes from [Alfred Weber's](#) history of philosophy.
  - The full article available at [Encyclopædia Britannica Online](#).
  - The thorough collection of resources at [EpistemeLinks.com](#).
  - Stephen H. Daniel's discussion of [Cartesian epistemology](#).
  - Clodius Piat's discussion in [The Catholic Encyclopedia](#).
  - A paper on [Cartesian dualism](#) by Zuraya Monroy-Nasr.
  - Robert Tremblay's discussion at [Encéphi](#) (in French).
  - A discussion of eternal truths from [Floy E. Andrews](#).
  - A paper by Juan Carlos Moreno Romo on [the Cartesian Circle](#).
  - Eric Weisstein's discussion at [World of Scientific Biography](#).
  - Discussions of mathematical contributions at [Mathematical MacTutor](#).
  - [David Wilkins](#) on the significance of Descartes's mathematical thought.
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PART VI

MODULE 5: PHILOSOPHY  
OF RELIGION



# 47. Thomas Aquinas: Summa Theologica

## The Reading Selection from *Summa Theologica*

### Whether God exists?

*Objection 1.* It seems that God does not exist; because if one of two contraries be infinite, the other would be altogether destroyed. But the word “God” means that He is infinite goodness. If, therefore, God existed, there would be no evil discoverable; but there is evil in the world. Therefore God does not exist.

*Objection 2.* Further, it is superfluous to suppose that what can be accounted for by a few principles has been produced by many. But it seems that everything we see in the world can be accounted for by other principles, supposing God did not exist. For all natural things can be reduced to one principle which is nature; and all voluntary things can be reduced to one principle which is human reason, or will. Therefore there is no need to suppose God’s existence.

On the contrary, It is said in the person of God: “I am Who am.” (Exodus 3:14)

### The Five Ways

I answer that, The existence of God can be proved in five ways.

## [The Argument from Motion]

The first and more manifest way is the argument from motion. It is certain, and evident to our senses, that in the world some things are in motion. Now whatever is in motion is put in motion by another, for nothing can be in motion except it is in potentiality to that towards which it is in motion; whereas a thing moves inasmuch as it is in act. For motion is nothing else than the reduction of something from to . But nothing can be reduced from potentiality to actuality, except by something in a state of actuality. Thus that which is actually hot, as fire, makes wood, which is potentially hot, to be actually hot, and thereby moves and changes it. Now it is not possible that the same thing should be at once in actuality and potentiality in the same respect, but only in different respects. For what is actually hot cannot simultaneously be potentially hot; but it is simultaneously potentially cold. It is therefore impossible that in the same respect and in the same way a thing should be both mover and moved, *i.e.* that it should move itself. Therefore, whatever is in motion must be put in motion by another. If that by which it is put in motion be itself put in motion, then this also must needs be put in motion by another, and that by another again. But this cannot go on to infinity, because then there would be no first mover, and, consequently, no other mover; seeing that subsequent movers move only inasmuch as they are put in motion by the first mover; as the staff moves only because it is put in motion by the hand. Therefore it is necessary to arrive at a first mover, put in motion by no other; and this everyone understands to be God.

## [The Argument from First Cause]

The second way is from the nature of the efficient cause. In the world of sense we find there is an order of efficient causes. There

is no case known (neither is it, indeed, possible) in which a thing is found to be the efficient cause of itself; for so it would be prior to itself, which is impossible. Now in efficient causes it is not possible to go on to infinity, because in all efficient causes following in order, the first is the cause of the intermediate cause, and the intermediate is the cause of the ultimate cause, whether the intermediate cause be several, or only one. Now to take away the cause is to take away the effect. Therefore, if there be no first cause among efficient causes, there will be no ultimate, nor any intermediate cause. But if in efficient causes it is possible to go on to infinity, there will be no first efficient cause, neither will there be an ultimate effect, nor any intermediate efficient causes; all of which is plainly false. Therefore it is necessary to admit a first efficient cause, to which everyone gives the name of God.



*Il Posillipo, Naples, Italy, Library of Congress*

## [The Argument from Necessity]

The third way is taken from possibility and , and runs thus. We find in nature things that are possible to be and not to be, since they are found to be generated, and to corrupt, and consequently, they are possible to be and not to be. But it is impossible for these

always to exist, for that which is possible not to be at some time is not. Therefore, if everything is possible not to be, then at one time there could have been nothing in existence. Now if this were true, even now there would be nothing in existence, because that which does not exist only begins to exist by something already existing. Therefore, if at one time nothing was in existence, it would have been impossible for anything to have begun to exist; and thus even now nothing would be in existence—which is absurd. Therefore, not all beings are merely possible, but there must exist something the existence of which is necessary. But every necessary thing either has its necessity caused by another, or not. Now it is impossible to go on to infinity in necessary things which have their necessity caused by another, as has been already proved in regard to efficient causes. Therefore we cannot but postulate the existence of some being having of itself its own necessity, and not receiving it from another, but rather causing in others their necessity. This all men speak of as God.

## [The Argument from Gradation]

The fourth way is taken from the gradation to be found in things. Among beings there are some more and some less good, true, noble and the like. But “more” and “less” are predicated of different things, according as they resemble in their different ways something which is the maximum, as a thing is said to be hotter according as it more nearly resembles that which is hottest; so that there is something which is truest, something best, something noblest and, consequently, something which is uttermost being; for those things that are greatest in truth are greatest in being, as it is written in *Metaph. ii*. Now the maximum in any genus is the cause of all in that genus; as fire, which is the maximum heat, is the cause of all hot things. Therefore there must also be something which is

to all beings the cause of their being, goodness, and every other perfection; and this we call God.

## [The Argument from Design]

The fifth way is taken from the governance of the world. We see that things which lack intelligence, such as natural bodies, act for an end, and this is evident from their acting always, or nearly always, in the same way, so as to obtain the best result. Hence it is plain that not fortuitously, but designedly, do they achieve their end. Now whatever lacks intelligence cannot move towards an end, unless it be directed by some being endowed with knowledge and intelligence; as the arrow is shot to its mark by the archer. Therefore some intelligent being exists by whom all natural things are directed to their end; and this being we call God.

Reply to Objection 1. As Augustine says (*Enchiridion* xi): “Since God is the highest good, He would not allow any evil to exist in His works, unless His omnipotence and goodness were such as to bring good even out of evil.” This is part of the infinite goodness of God, that He should allow evil to exist, and out of it produce good.

Reply to Objection 2. Since nature works for a determinate end under the direction of a higher agent, whatever is done by nature must needs be traced back to God, as to its first cause. So also whatever is done voluntarily must also be traced back to some higher cause other than human reason or will, since these can change or fail; for all things that are changeable and capable of defect must be traced back to an immovable and self-necessary first principle, as was shown in the body of the Article.

# 48. Immanuel Kant: The Critique of Pure Reason

## The Reading Selection from *The Critique of Pure Reason*

### [Existence Is Not a Property]

...It is absurd to introduce—under whatever term disguised—into the conception of a thing, which is to be cogitated solely in reference to its possibility, the conception of its existence. If this is admitted, you will have apparently gained the day, but in reality have enounced nothing but a mere tautology. I ask, is the proposition, this or that thing (which I am admitting to be possible) exists, an analytical<sup>[1]</sup> E.g., or a synthetical proposition? If the former, there is no addition made to the subject of your thought by the affirmation of its existence; but then the conception in your minds is identical with the thing itself, or you have supposed the existence of a thing to be possible, and then inferred its existence from its internal possibility—which is but a miserable tautology. The word reality in the conception of the thing, and the word existence in the conception of the predicate, will not help you out of the difficulty. For, supposing you were to term all positing of a thing reality, you have thereby posited the thing with all its predicates in the conception of the subject and assumed its actual existence, and this you merely repeat in the predicate. But if you confess, as every reasonable person must, that every existential proposition is synthetical, how can it be maintained that the predicate of existence

cannot be denied without contradiction?—a property which is the characteristic of analytical propositions, alone.

I should have a reasonable hope of putting an end for ever to this sophistical mode of argumentation, by a strict definition of the conception of existence, did not my own experience teach me that the illusion arising from our confounding a logical with a real predicate (a predicate which aids in the determination of a thing) resists almost all the endeavours of explanation and illustration. A logical predicate may be what you please, even the subject may be predicated of itself; for logic pays no regard to the content of a judgement. But the determination of a conception is a predicate, which adds to and enlarges the conception. It must not, therefore, be contained in the conception.



*Thalers, used during Immanuel Kant's lifetime, (The Prussian "dollar.")*

Being is evidently not a real predicate, that is, a conception of something which is added to the conception of some other thing. It is merely the positing of a thing, or of certain determinations in it. Logically, it is merely the copula of a judgement. The proposition, God is omnipotent, contains two conceptions, which have a certain object or content; the word is, is no additional predicate—it merely indicates the relation of the predicate to the subject. Now, if I take the subject (God) with all its predicates (omnipotence being one),

and say: God is, or, There is a God, I add no new predicate to the conception of God, I merely posit or affirm the existence of the subject with all its predicates—I posit the object in relation to my conception. The content of both is the same; and there is no addition made to the conception, which expresses merely the possibility of the object, by my cogitating the object—in the expression, it is—as absolutely given or existing. Thus the real contains no more than the possible.

A hundred real dollars contain no more than a hundred possible dollars. For, as the latter indicate the conception, and the former the object, on the supposition that the content of the former was greater than that of the latter, my conception would not be an expression of the whole object, and would consequently be an inadequate conception of it. But in reckoning my wealth there may be said to be more in a hundred real dollars than in a hundred possible dollars—that is, in the mere conception of them. For the real object—the dollars—is not analytically contained in my conception, but forms a synthetical addition to my conception (which is merely a determination of my mental state), although this objective reality—this existence—apart from my conceptions, does not in the least degree increase the aforesaid hundred dollars.[\[2\]](#)



*Fish and Vegetable Market, Königsberg, East Prussia, Library of Congress*

By whatever and by whatever number of predicates—even to the complete determination of it—I may cogitate a thing, I do not in the least augment the object of my conception by the addition of the statement: This thing exists. Otherwise, not exactly the same, but something more than what was cogitated in my conception, would exist, and I could not affirm that the exact object of my conception had real existence. If I cogitate a thing as containing all modes of reality except one, the mode of reality which is absent is not added to the conception of the thing by the affirmation that the thing exists; on the contrary, the thing exists—if it exist at all—with the same defect as that cogitated in its conception; otherwise not that which was cogitated, but something different, exists. Now, if I cogitate a being as the highest reality, without defect or imperfection, the question still remains—whether this being exists or not? For, although no element is wanting in the possible real content of my conception, there is a defect in its relation to my mental state, that is, I am ignorant whether the cognition of the object indicated by the conception is possible *á posteriori*. And here the cause of the present difficulty becomes apparent. If the question regarded an object of sense merely, it would be impossible for me to confound the conception with the existence of a thing. For the conception merely enables me to cogitate an object as according with the general conditions of experience; while the existence of the object permits me to cogitate it as contained in the sphere of actual experience. At the same time, this connection with the world of experience does not in the least augment the conception, although a possible perception has been added to the experience of the mind. But if we cogitate existence by the pure category alone, it is not to be wondered at, that we should find ourselves unable to present any criterion sufficient to distinguish it from mere possibility.

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**From the reading..**

“Now, if I take the subject (God) with all its predicates (omnipotence being one), and say: God is, or, There is a God, I add no new predicate to the conception of God..”

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Whatever be the content of our conception of an object, it is necessary to go beyond it, if we wish to predicate existence of the object. In the case of sensuous objects, this is attained by their connection according to empirical laws with some one of my perceptions; but there is no means of cognizing the existence of objects of pure thought, because it must be cognized completely *á priori*. But all our knowledge of existence (be it immediately by perception, or by inferences connecting some object with a perception) belongs entirely to the sphere of experience—which is in perfect unity with itself; and although an existence out of this sphere cannot be absolutely declared to be impossible, it is a hypothesis the truth of which we have no means of ascertaining.

## [The Notion of God Does Not Imply Existence]

The notion of a Supreme Being is in many respects a highly useful idea; but for the very reason that it is an idea, it is incapable of enlarging our cognition with regard to the existence of things. It is not even sufficient to instruct us as to the possibility of a being which we do not know to exist. The analytical criterion of possibility, which consists in the absence of contradiction in propositions, cannot be denied it. But the connection of real properties in a thing is a synthesis of the possibility of which an *á priori* judgement cannot be formed, because these realities are not presented to us specifically; and even if this were to happen, a judgement would still be impossible, because the criterion of the possibility of synthetical cognitions must be sought for in the world of experience, to which the object of an idea cannot belong. And thus the celebrated

Leibnitz has utterly failed in his attempt to establish upon *á priori* grounds the possibility of this sublime ideal being.

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**From the reading...**

“Whatever be the content of our conception of an object, it is necessary to go beyond it, if we wish to predicate existence of the object.”

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The celebrated ontological or Cartesian argument for the existence of a Supreme Being is therefore insufficient; and we may as well hope to increase our stock of knowledge by the aid of mere ideas, as the merchant to augment his wealth by the addition of noughts to his cash account.

## Notes

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An analytical statement is reducible to a valid formula of logic because the concept of the predicate can be shown to be inherent in the subject by means of synonyms or suitable paraphrases. E.g., “Twins are two in number” or “A lodestone is magnetic.” The predicate of a synthetic statement adds additional information to its subject and so is not considered trivial or tautologous in the manner of which an analytic statement is. The critical question for the possibility of knowledge for Kant is whether or not all *á priori* statements are essentially analytic. *Ed.*

[1] Bk. 2, Ch. 3, ¶ 70.

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# 49. Thomas Aquinas



Born to an aristocratic family living in Roccasecca, Italy, Thomas Aquinas joined the Dominican order while studying philosophy and theology at Naples. Later he pursued additional studies in Paris and Köln, where he was exposed to Aristotelean thought by [Albert the Great](#) and William of Moerbeke. During the rest of his life, he taught at Paris and Rome,

writing millions of words on philosophical and theological issues and earning his reputation among the [scholastics](#) as “the angelic doctor.” Aquinas developed in massive detail [a synthesis of Christianity and Aristotelian philosophy](#) that became the official doctrine of Roman Catholic theology in 1879. [DE ENTE ET ESSENTIA \(ON BEING AND ESSENCE\)](#) includes a basic statement of Aquinas’s metaphysical position. His literary activity stopped abruptly as the result of a religious experience a few months before his death.

Although he wrote many commentaries on the works of [Aristotle](#) and a comprehensive [SUMMA DE VERITATE CATHOLICAE FIDEI CONTRA GENTILES \(SUMMA CONTRA GENTILES\)](#) (1259-1264), Aquinas’s unfinished [SUMMA THEOLOGICA](#) (1265-1273) represents the most complete statement of his philosophical system. The sections of greatest interest for survey courses include his views on the



nature of [god](#), including the [five ways to prove god's existence](#), and his exposition of [natural law](#).

Although matters of such importance should be accepted on the basis of divine revelation alone, Aquinas held, it is at least possible (and perhaps even desirable) in some circumstances to achieve genuine knowledge of them by means of the rigorous



application of human reason. As embodied souls ([hylomorphic composites](#)), human beings naturally rely on sensory information for their knowledge of the world.

Reading hint: Although the rigidly formal structure of the SUMMA articles can be rather confusing to a modern reader, the central portion beginning with the words, "I ANSWER THAT..." is always a direct statement of Aquinas's own position.

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### Recommended Reading: Primary sources:

- OPERA OMNIA (Rome, 1882- )
- Thomas Aquinas, SELECTED WRITINGS, ed. by Ralph McInerny. (Penguin, 1999)
- Thomas Aquinas, SUMMA THEOLOGICA (Thomas More, 1997)
- Thomas Aquinas, SELECTED PHILOSOPHICAL WRITINGS, tr. by Timothy McDermott (Oxford, 1998)
- Thomas Aquinas, SUMMA THEOLOGIAE: A CONCISE TRANSLATION, ed. by Timothy McDermott (Christian Classics, 1997)
- AN AQUINAS READER, ed. by Mary T. Clark (Fordham, 2000)
- Thomas Aquinas, ON LAW, MORALITY, AND POLITICS, ed. by William P. Baumgarth and Richard J. Regan, S.J. (Hackett, 1988)

### Secondary sources:

- Etienne Gilson, THE PHILOSOPHY OF ST. THOMAS AQUINAS (Dorset, 1981)
- THE CAMBRIDGE COMPANION TO AQUINAS, ed. by Norman Kretzmann and Eleonore Stump (Cambridge, 1993)
- Ralph McInerny, ST. THOMAS AQUINAS (Notre Dame, 1982)
- THE CHRISTIAN PHILOSOPHY OF ST. THOMAS AQUINAS, by Etienne Gilson, tr. by I. T. Shook (Notre Dame, 1994)
- John Milbank and Catherine Pickstock, TRUTH IN AQUINAS (Routledge, 2001)
- John O'Callaghan, THOMIST REALISM AND THE LINGUISTIC TURN: TOWARD A MORE PERFECT FORM OF EXISTENCE (Notre Dame, 2003)
- Robert Pasnau, THOMAS AQUINAS ON HUMAN NATURE: A PHILOSOPHICAL STUDY OF SUMMA THEOLOGIAE 1A 75-89 (Cambridge, 2002)
- Ralph McInerny, ETHICA THOMISTICA: THE MORAL PHILOSOPHY OF THOMAS AQUINAS (Catholic University of America, 1997)

### Additional on-line information about Aquinas includes:

- Daniel J. Kennedy's [\\*extremely thorough treatment of Aquinas](#) and [treatise on his relation to medieval thought](#) at The Jacques Maritain Center.
- articles in *The Stanford Encyclopedia of Philosophy* on:
  - [Aquinas](#) by Ralph McInerny.
  - [The Condemnation of 1277](#) by Hans Thijssen.
- The full article available at [Encyclopædia Britannica Online](#).
- The thorough collection of resources at [EpistemeLinks.com](#).
- An article in [The Internet Encyclopedia of Philosophy](#).
- Robert Sarkissian's [philosophical summary](#).

# 50. William Paley: Natural Theology

## The Reading Selection from *Natural Theology*

### [Statement of the Watch Argument]

In crossing a heath, suppose I pitched my foot against a stone, and were asked how the stone came to be there, I might possibly answer, that, for anything I knew to the contrary, it had lain there for ever; nor would it, perhaps, be very easy to show the absurdity of this answer. But suppose I found a watch upon the ground, and it should be inquired how the watch happened to be in that place, I should hardly think of the answer which I had given—that, for anything I knew, the watch might have always been there. Yet why should not this answer serve for the watch as well as for the stone? why is it not as admissible in the second case as in the first? For this reason, and for no other; viz., that, when we come to inspect the watch, we perceive (what we could not discover in the stone) that its several parts are framed and put together for a purpose, *e.g.* that they are so formed and adjusted as to produce motion, and that motion so regulated as to point out the hour of the day; that, if the different parts had been differently shaped from what they are, if a different size from what they are, or placed after any other manner, or in any other order than that in which they are placed, either no motion at all would have been carried on in the machine, or none which would have answered the use that is now served by it. To reckon up a few of the plainest of these parts, and of their offices, all tending

to one result:—We see a cylindrical box containing a coiled elastic spring, which, by its endeavor to relax itself, turns round the box. We next observe a flexible chain (artificially wrought for the sake of flexure) communicating the action of the spring from the box to the fusee. We then find a series of wheels, the teeth of which catch in, and apply to, each other, conducting the motion from the fusee to the balance, and from the balance to the pointer, and, at the same time, by the size and shape of those wheels, so regulating that motion as to terminate in causing an index, by an equable and measured progression, to pass over a given space in a given time. We take notice that the wheels are made of brass, in order to keep them from rust; the springs of steel, no other metal being so elastic; that over the face of the watch there is placed a glass, a material employed in no other part of the work, but in the room of which, if there had been any other than a transparent substance, the hour could not be seen without opening the case. This mechanism being observed, (it requires indeed an examination of the instrument, and perhaps some previous knowledge of the subject, to perceive and understand it; but being once, as we have said, observed and understood,) the inference, we think, is inevitable, that the watch must have had a maker; that there must have existed, at some time, and at some place or other, an artificer or artificers who formed it for the purpose which we find it actually to answer; who comprehended its construction, and designed its use.

I. Nor would it, I apprehend, weaken the conclusion, that we had never seen a watch made; that we had never known an artist capable of making one; that we were altogether incapable of executing such a piece of workmanship ourselves, or of understanding in what manner it was performed; all this being no more than what is true of some exquisite remains of ancient art, of some lost arts, and, to the generality of mankind, of the more curious productions of modern manufacture. Does one man in a million know how oval frames are turned? Ignorance of this kind exalts our opinion of the unseen and unknown artists skill, if he be unseen and unknown, but raises no doubt in our minds of the existence and agency of

such an artist, at some former time, and in some place or other. Nor can I perceive that it varies at all the inference, whether the question arise concerning a human agent, or concerning an agent of a different species, or an agent possessing, in some respect, a different nature.

II. Neither, secondly, would it invalidate our conclusion, that the watch sometimes went wrong, or that it seldom went exactly right. The purpose of the machinery, the design, and the designer, might be evident, and, in the case supposed, would be evident, in whatever way we accounted for the irregularity of the movement, or whether we could account for it or not. It is not necessary that a machine be perfect, in order to show with what design it was made; still less necessary, where the only question is, whether it were made with any design at all.<sup>[1]</sup>

III. Nor, thirdly, would it bring any uncertainty into the argument, if there were a few parts of the watch, concerning which we could not discover, or had not yet discovered, in what manner they conduced to the general effect; or even some parts, concerning which we could not ascertain whether they conduced to that effect in any manner whatever. For, as to the first branch of the case, if by the loss, or disorder, or decay of the parts in question, the movement of the watch were found in fact to be stopped, or disturbed, or retarded, no doubt would remain in our minds as to the utility or intention of these parts, although we should be unable to investigate the manner according to which, or the connection by which, the ultimate effect depended upon their action or assistance; and the more complex is the machine, the more likely is this obscurity to arise. Then, as to the second thing supposed, namely, that there were parts which might be spared without prejudice to the movement of the watch, and that he had proved this by experiment, these superfluous parts, even if we were completely assured that they were such, would not vacate the reasoning which we had instituted concerning other parts. The indication of contrivance remained, with respect to them, nearly as it was before.

IV. Nor, fourthly, would any man in his senses think the existence

of the watch, with its various machinery, accounted for, by being told that it was one out of possible combinations of material forms; that whatever he had found in the place where he found the watch, must have contained some internal configuration or other; and that this configuration might be the structure now exhibited, *viz.*, of the works of a watch, as well as a different structure.

V. Nor, fifthly, would it yield his inquiry more satisfaction, to be answered, that there existed in things a principle of order, which had disposed the parts of the watch into their present form and situation. He never knew a watch made by the principle of order; nor can he even form to himself an idea of what is meant by a principle of order, distinct from the intelligence of the watchmaker.

VI. Sixthly, he would be surprised to hear that the mechanism of the watch was no proof of contrivance, only a motive to induce the mind to think so.

VII. And not less surprised to be informed, that the watch in his hand was nothing more than the result of the laws of metallic nature. It is a perversion of language to assign any law as the efficient, operative cause of anything. A law presupposes an agent; for it is only the mode according to which an agent proceeds; it implies a power; for it is the order according to which that power acts. Without this agent, without this power, which are both distinct from itself, the law does nothing, is nothing. The expression, "the law of metallic nature," may sound strange and harsh to a philosophic ear; but it seems quite as justifiable as some others which are more familiar to him such as "the law of vegetable nature," "the law of animal nature," or, indeed, as "the law of nature" in general, when assigned as the cause of phenomena in exclusion of agency and power, or when it is substituted into the place of these.

VIII. Neither, lastly, would our observer be driven out of his conclusion, or from his confidence in its truth, by being told that he knew nothing at all about the matter. He knows enough for his argument: he knows the utility of the end: he knows the subserviency and adaptation of the means to the end.

These points being known, his ignorance of other points, his doubts concerning other points, affect not the certainty of his reasoning. The consciousness of knowing little need not beget a distrust of that which he does know...

## [Application of the Argument]

Every indication of contrivance, every manifestation of design, which existed in the watch, exists in the works of nature; with the difference, on the side of nature, of being greater and more, and that in a degree which exceeds all computation. I mean that the contrivances of nature surpass the contrivances of art, in the complexity, subtlety, and curiosity of the mechanism; and still more, if possible, do they go beyond them in number and variety; yet in a multitude of cases, are not less evidently mechanical, not less evidently contrivances, not less evidently accommodated to their end, or suited to their office, than are the most perfect productions of human ingenuity...

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### **From the reading...**

“Every indication of contrivance, every manifestation of design, which exists in the watch, exists in the works of nature...”

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## Notes

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[1] Relate this possible objection to the problem of evil. *Ed.*

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# 51. David Hume: Natural Religion

## The Reading Selection from *Natural Religion*

### [Cleanthes's Design Argument]

Not to lose any time in circumlocutions, said Cleanthes, addressing himself to Demea, much less in replying to the pious declamations of Philo; I shall briefly explain how I conceive this matter. Look round the world: contemplate the whole and every part of it: You will find it to be nothing but one great machine, subdivided into an infinite number of lesser machines, which again admit of subdivisions to a degree beyond what human senses and faculties can trace and explain. All these various machines, and even their most minute parts, are adjusted to each other with an accuracy which ravishes into admiration all men who have ever contemplated them. The curious adapting of means to ends, throughout all nature, resembles exactly, though it much exceeds, the productions of human contrivance; of human designs, thought, wisdom, and intelligence. Since, therefore, the effects resemble each other, we are led to infer, by all the rules of analogy, that the causes also resemble; and that the Author of Nature is somewhat similar to the mind of man, though possessed of much larger faculties, proportioned to the grandeur of the work which he has executed. By this argument *à posteriori*, and by this argument alone, do we prove at once the existence of a Deity, and his similarity to human mind and intelligence.

## [Philo's Objections]

What I chiefly scruple in this subject, said Philo, is not so much that all religious arguments are by Cleanthes reduced to experience, as that they appear not to be even the most certain and irrefragable of that inferior kind. That a stone will fall, that fire will burn, that the earth has solidity, we have observed a thousand and a thousand times; and when any new instance of this nature is presented, we draw without hesitation the accustomed inference. The exact similarity of the cases gives us a perfect assurance of a similar event; and a stronger evidence is never desired nor sought after. But wherever you depart, in the least, from the similarity of the cases, you diminish proportionably the evidence; and may at last bring it to a very weak analogy, which is confessedly liable to error and uncertainty. After having experienced the circulation of the blood in human creatures, we make no doubt that it takes place in Titius and Maevius. But from its circulation in frogs and fishes, it is only a presumption, though a strong one, from analogy, that it takes place in men and other animals. The analogical reasoning is much weaker, when we infer the circulation of the sap in vegetables from our experience that the blood circulates in animals; and those, who hastily followed that imperfect analogy, are found, by more accurate experiments, to have been mistaken.

If we see a house, Cleanthes, we conclude, with the greatest certainty, that it had an architect or builder; because this is precisely that species of effect which we have experienced to proceed from that species of cause. But surely you will not affirm, that the universe bears such a resemblance to a house, that we can with the same certainty infer a similar cause, or that the analogy is here entire and perfect. The dissimilitude is so striking, that the utmost you can here pretend to is a guess, a conjecture, a presumption concerning a similar cause; and how that pretension will be received in the world, I leave you to consider...

Now, Cleanthes, said Philo, with an air of alacrity and triumph,

mark the consequences. First, By this method of reasoning, you renounce all claim to infinity in any of the attributes of the Deity. For, as the cause ought only to be proportioned to the effect, and the effect, so far as it falls under our cognisance, is not infinite; what pretensions have we, upon your suppositions, to ascribe that attribute to the Divine Being? You will still insist, that, by removing him so much from all similarity to human creatures, we give in to the most arbitrary hypothesis, and at the same time weaken all proofs of his existence.

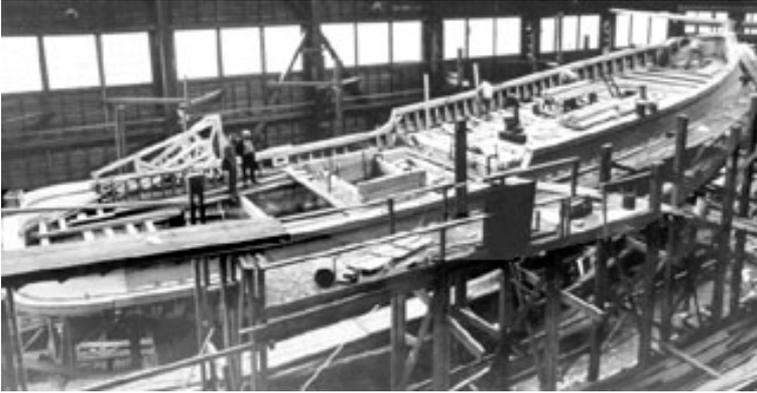
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**From the reading...**

“Could a peasant, if the *Aeneid* were read to him, pronounce that poem to be absolutely faultless...”

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Secondly, You have no reason, on your theory, for ascribing perfection to the Deity, even in his finite capacity, or for supposing him free from every error, mistake, or incoherence, in his undertakings. There are many inexplicable difficulties in the works of Nature, which, if we allow a perfect author to be proved *á priori*, are easily solved, and become only seeming difficulties, from the narrow capacity of man, who cannot trace infinite relations. But according to your method of reasoning, these difficulties become all real; and perhaps will be insisted on, as new instances of likeness to human art and contrivance. At least, you must acknowledge, that it is impossible for us to tell, from our limited views, whether this system contains any great faults, or deserves any considerable praise, if compared to other possible, and even real systems. Could a peasant, if the *Aeneid* were read to him, pronounce that poem to be absolutely faultless, or even assign to it its proper rank among the productions of human wit, he, who had never seen any other production?



*Building the John N. Cobb, NOAA*

But were this world ever so perfect a production, it must still remain uncertain, whether all the excellences of the work can justly be ascribed to the workman. If we survey a ship, what an exalted idea must we form of the ingenuity of the carpenter who framed so complicated, useful, and beautiful a machine? And what surprise must we feel, when we find him a stupid mechanic, who imitated others, and copied an art, which, through a long succession of ages, after multiplied trials, mistakes, corrections, deliberations, and controversies, had been gradually improving? Many worlds might have been botched and bungled, throughout an eternity, ere this system was struck out; much labour lost, many fruitless trials made; and a slow, but continued improvement carried on during infinite ages in the art of world-making. In such subjects, who can determine, where the truth; nay, who can conjecture where the probability lies, amidst a great number of hypotheses which may be proposed, and a still greater which may be imagined?

And what shadow of an argument, continued Philo, can you produce, from your hypothesis, to prove the unity of the Deity? A great number of men join in building a house or ship, in rearing a city, in framing a commonwealth; why may not several deities combine in contriving and framing a world? This is only so much greater similarity to human affairs. By sharing the work among

several, we may so much further limit the attributes of each, and get rid of that extensive power and knowledge, which must be supposed in one deity, and which, according to you, can only serve to weaken the proof of his existence. And if such foolish, such vicious creatures as man, can yet often unite in framing and executing one plan, how much more those deities or demons, whom we may suppose several degrees more perfect!

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**From the reading...**

“This world, for aught he knows...was only the first rude essay of some infant deity, who afterwards abandoned it, ashamed of his lame performance...”

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To multiply causes without necessity, is indeed contrary to true philosophy: but this principle applies not to the present case. Were one deity antecedently proved by your theory, who were possessed of every attribute requisite to the production of the universe; it would be needless, I own, (though not absurd,) to suppose any other deity existent. But while it is still a question, Whether all these attributes are united in one subject, or dispersed among several independent beings, by what phenomena in nature can we pretend to decide the controversy? Where we see a body raised in a scale, we are sure that there is in the opposite scale, however concealed from sight, some counterpoising weight equal to it; but it is still allowed to doubt, whether that weight be an aggregate of several distinct bodies, or one uniform united mass. And if the weight requisite very much exceeds any thing which we have ever seen conjoined in any single body, the former supposition becomes still more probable and natural. An intelligent being of such vast power and capacity as is necessary to produce the universe, or, to speak in the language of ancient philosophy, so prodigious an animal exceeds all analogy, and even comprehension.

But further, Cleanthes: men are mortal, and renew their species by generation; and this is common to all living creatures. The two great sexes of male and female, says MILTON, animate the world. Why must this circumstance, so universal, so essential, be excluded

from those numerous and limited deities? Behold, then, the theogony of ancient times brought back upon us.

And why not become a perfect Anthropomorphite? Why not assert the deity or deities to be corporeal, and to have eyes, a nose, mouth, ears, etc.? Epicurus maintained, that no man had ever seen reason but in a human figure; therefore the gods must have a human figure. And this argument, which is deservedly so much ridiculed by Cicero, becomes, according to you, solid and philosophical.

In a word, Cleanthes, a man who follows your hypothesis is able perhaps to assert, or conjecture, that the universe, sometime, arose from something like design: but beyond that position he cannot ascertain one single circumstance; and is left afterwards to fix every point of his theology by the utmost license of fancy and hypothesis. This world, for aught he knows, is very faulty and imperfect, compared to a superior standard; and was only the first rude essay of some infant deity, who afterwards abandoned it, ashamed of his lame performance: it is the work only of some dependent, inferior deity; and is the object of derision to his superiors: it is the production of old age and dotage in some superannuated deity; and ever since his death, has run on at adventures, from the first impulse and active force which it received from him.

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**From the reading..**

“Many worlds may be botched and bungled, throughout an eternity, ere this system was struck out...”

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## 52. Blaise Pascal: *Pensées*

### The Reading Selection from *Pensées*

#### [That God Is]

We know that there is an infinite, and are ignorant of its nature. As we know it to be false that numbers are finite, it is therefore true that there is an infinity in number. But we do not know what it is. It is false that it is even, it is false that it is odd; for the addition of a unit can make no change in its nature. Yet it is a number, and every number is odd or even (this is certainly true of every finite number. So we may well know that there is a God without knowing what He is. Is there not one substantial truth, seeing that there are so many things which are not the truth itself?

We know the existence and nature of the finite, because we also are finite and have extension. We know the existence of the infinite, and are ignorant of its nature, because it has extension like us, but not limits like us. But we know neither the existence nor the nature of God, because He has neither extension nor limits.

But by faith we know His existence; in glory we shall know His nature. Now, I have already shown that we may well know the existence of a thing, without knowing its nature.

Let us now speak according to natural lights.<sup>[1]</sup> If there is a God, He is infinitely incomprehensible, since, having neither parts nor limits, He has no affinity to us. We are then incapable of knowing either what He is or if He is. This being so, who will dare to undertake the decision of the question? Not we, who have no affinity to Him.

Who then will blame Christians for not being able to give a reason

for their belief since they profess a religion for which they cannot give a reason? They declare, in expounding it to the world, that it is a foolishness; and then you complain that they do not prove it! If they proved it, they would not keep their words; it is in lacking proofs, that they are not lacking in sense. “Yes, but although this excuses those who offer it as such, and take away from them the blame of putting it forward without reason, it does not excuse those who receive it.” Let us then examine this point, and say, “God is, or He is not” But to which side shall we incline? Reason can decide nothing here. There is an infinite chaos which separates us. A game is being played at the extremity of this infinite distance where heads or tails will turn up. What will you wager? According to reason, you can do neither the one thing nor the other; according to reason, you can defend neither of the propositions.

Do not then reprove for error those who have made a choice; for you know nothing about it. “No, but I blame them for having made, not this choice, but a choice; for again both he who chooses heads and he who chooses tails are equally at fault, they are both in the wrong. The true course is not to wager at all.”

## [The Wager]

–Yes; but you must wager. It is not optional. You are embarked. Which will you choose then; Let us see. Since you must choose, let us see which interests you least. You have two things to lose, the true and the good; and two things to stake, your reason and your will, your knowledge and your happiness; and your nature has two things to shun, error and misery. Your reason is no more shocked in choosing one rather than the other, since you must of necessity choose. This is one point settled. But your happiness? Let us weigh the gain and the loss in wagering that God is. Let us estimate these two chances. If you gain, you gain all; if you lose, you lose nothing. Wager them without hesitation that He is. “That is very fine. Yes, I

must wager; but I may perhaps wager too much.”—Let us see. Since there is an equal risk of gain and of loss, if you had only to gain two lives, instead of one, you might still wager. But if there were three lives to gain, you would have to play (since you are under the necessity of playing), and you would be imprudent, when you are forced to play, not to chance your life to gain three at a game where there is an equal risk of loss and gain. But there is an eternity of life and happiness. And this being so, if there were an infinity of chances, of which one only would be for you, you would still be right in wagering one to win two, and you would act stupidly, being obliged to play, by refusing to stake one life against three at a game in which out of an infinity of chances there is one for you, if there were an infinity of an infinitely happy life to gain. But there is here an infinity of an infinitely happy life to gain, a chance of gain against a finite number of chances of loss, and what you stake is finite. It is all divided; wherever the infinite is and there is not an infinity of chances of loss against that of gain, there is no time to hesitate, you must give all. And thus, when one is forced to play, he must renounce reason to preserve his life, rather than risk it for infinite gain, as likely to happen as the loss of nothingness.

For it is no use to say it is uncertain if we will gain, and it is certain that we risk, and that the infinite distance between the certainty of what is staked and the uncertainty of what will be gained, equals the finite good which is certainly staked against the uncertain infinite. It is not so, as every player stakes a certainty to gain an uncertainty, and yet he stakes a finite certainty to gain a finite uncertainty, without transgressing against reason. There is not an infinite distance between the certainty staked and the uncertainty of the gain; that is untrue. In truth, there is an infinity between the certainty of gain and the certainty of loss. But the uncertainty of the gain is proportioned to the certainty of the stake according to the proportion of the chances of gain and loss.

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**From the reading...**

“So we may well know that there is a God without knowing what He is.”

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Hence it comes that, if there are as many risks on one side as on the other, the course is to play even; and then the certainty of the stake is equal to the uncertainty of the gain, so far is it from the fact that there is an infinite distance between them. And so our proposition is of infinite force, when there is the finite to stake in a game where there are equal risks of gain and of loss, and the infinite to gain. This is demonstrable; and if men are capable of any truths, this is one. "I confess it, I admit it. But still is there no means of seeing the faces of the cards?"—Yes, Scripture and the rest, &c.—"Yes, but I have my hands tied and my mouth closed; I am forced to wager, and am not free. I am not released, and am so made that I cannot believe. What then would you have me do?"

## [The Heart Has Its Reasons]

True. But at least learn your inability to believe, since reason brings you to this, and you cannot believe. Endeavor then to convince yourself, not by increase of proofs of God, but by the abatement of your passions. You would like to attain faith, and do not know the way; you would like to cure yourself of unbelief, and ask the remedy for it. Learn of those who have been bound like you, and who now stake all their possessions. These are people who know the way which you would follow, and who are cured of an ill of which you would be cured. Follow the way by which they began; by acting as if they believe, taking the holy water, having masses said, &c. Even this will naturally make you believe, and deaden your acuteness.—"But this is what I am afraid of"—And why? What have you to lose?

But to show you that this leads you there, it is this which will lessen the passions, which are your stumbling-blocks.

The heart has its reasons which reason does not know. We feel it in a thousand things. I say that the heart naturally loves the Universal Being, and also itself naturally, according as it gives itself to them; and it hardens itself against one or the other at its will. You

have rejected the one, and kept the other. Is it by reason that you love yourself?

It is the heart which experiences God, and not the reason. This, then, is faith; God felt by the heart, not by reason.

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**From the reading...**

“The heart has its reasons which reason does not know.”

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## Notes

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[1] *I.e., according to reason. Ed.*

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## 53. Anselm of Canterbury



Although born at Aosta in Alpine Italy and educated in Normandy, Anselm became a Benedictine monk, teacher, and abbot at Bec and continued his ecclesiastical career in England. Having been appointed the second Norman archbishop of Canterbury in 1093, Anselm secured the Westminster Agreement of

1107, guaranteeing the (partial) independence of the church from the civil state.

In a series of short works such as *DE LIBERTATE ARBITRII* (ON FREE WILL), *DE CASU DIABOLI* (THE FALL OF THE DEVIL), and the lengthier dialogue *CUR DEUS HOMO* ([WHY GOD BECAME MAN](#)), Anselm propounded a satisfaction theory of the atonement, upon which the incarnation promises relief from the strict demands of divine justice. He defended a notion of the relation between philosophy and theology that, like [Augustine's](#), emphasized the methodological priority of faith over reason, since truth is to be achieved only through "*fides quaerens*

*intellectum*” (“faith seeking understanding”). Anselm’s combination of Christianity, [neoplatonic](#) metaphysics, and [Aristotelean](#) logic in the form of dialectical question-and-answer was an important influence in the development [scholasticism](#) during the next several centuries.



As a philosopher, Anselm is most often remembered for [his attempts to prove the existence of god](#): In *DE VERITATE (OF TRUTH)* he argued that all creatures owe their being and value to god as the source of all truth, to whom a life lived well is the highest praise. In the [MONOLOGION](#) he described deity as the one most truly good thing, from which all real moral values derive and whose existence is required by the reality of those values.



Most famously, in the [PROSLOGION \(ADDITION\)](#), Anselm proposed the famous [Ontological Argument](#), according to which god is understood as “*aliquid quod maius non cogitari potest*” (“that than which nothing greater can be conceived”). The being so conceived must necessarily exist in reality as well as in thought, he argued, since otherwise it would in fact be possible to conceive something greater—namely, something exactly similar except that it really does exist. Thus, at least for Anselmian believers guided by a prior faith, god must truly exist as the simple, unified source of all perfections, a reality that excludes corruption, imperfection, and deception of every sort.

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**Recommended Reading: Primary sources:**

- SANCTI ANSELMI OPERA OMNIA (Schmitt, 1938–61)
- ANSELM OF CANTERBURY: THE MAJOR WORKS, edited by Brian Davies and G. R. Evans (Oxford, 1998)
- ANSELM: THREE PHILOSOPHICAL DIALOGUES, ed. and trans. by Thomas Williams (Hackett, 2002)

**Additional on-line information about Anselm includes:**

- The full article available at [Encyclopædia Britannica Online](#).
  - The thorough collection of resources at [EpistemeLinks.com](#).
  - R. J. Kilcullen's lectures on the [Monologion](#) and the [Proslogion](#).
  - Thomas Williams's article in [The Stanford Encyclopedia of Philosophy](#).
  - A paper on [Anselm's Proof](#) from Gyula Klima.
  - an article in [The Internet Encyclopedia of Philosophy](#).
  - W.H. Kent's article in [The Catholic Encyclopedia](#) .
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# 54. Anselm: The Proslogium

## The Reading Selection from the *Proslogium*

Lord, I acknowledge and I thank you that you have created me in this your image, in order that I may be mindful of you, may conceive of you, and love you; but that image has been so consumed and wasted away by vices, and obscured by the smoke of wrong-doing, that it cannot achieve that for which it was made, except you renew it, and create it anew. I do not endeavor, O Lord, to penetrate your sublimity, for in no wise do I compare my understanding with that; but I long to understand in some degree your truth, which my heart believes and loves. For I do not seek to understand that I may believe, but I believe in order to understand. For this also I believe, —that unless I believed, I should not understand. ...

Truly there is a God, although the fool has said in his heart, There is no God.

AND so, Lord, do you, who do give understanding to faith, give me, so far as you knowest it to be profitable, to understand that you are as we believe; and that you are that which we believe. And indeed, we believe that you are a being than which nothing greater can be conceived. Or is there no such nature, since the fool has said in his heart, there is no God? (*Psalms* xiv. 1). But, at any rate, this very fool, when he hears of this being of which I speak—a being than which nothing greater can be conceived—understands what he hears, and what he understands is in his understanding; although he does not understand it to exist.

For, it is one thing for an object to be in the understanding, and another to understand that the object exists. When a painter first conceives of what he will afterwards perform, he has it in his understanding, but he does not yet understand it to be, because he has not yet performed it. But after he has made the painting, he

both has it in his understanding, and he understands that it exists, because he has made it.

Hence, even the fool is convinced that something exists in the understanding, at least, than which nothing greater can be conceived. For, when he hears of this, he understands it. And whatever is understood, exists in the understanding. And assuredly that, than which nothing greater can be conceived, cannot exist in the understanding alone. For, suppose it exists in the understanding alone: then it can be conceived to exist in reality; which is greater.

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**From the reading..**

“That which can be conceived not to exist is not God.”

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Therefore, if that, than which nothing greater can be conceived, exists in the understanding alone, the very being, than which nothing greater can be conceived, is one, than which a greater can be conceived. But obviously this is impossible. Hence, there is doubt that there exists a being, than which nothing greater can be conceived, and it exists both in the understanding and in reality. ...

God cannot be conceived not to exist. –God is that, than which nothing greater can be conceived. –That which can be conceived not to exist is not God.

AND it assuredly exists so truly, that it cannot be conceived not to exist. For, it is possible to conceive of a being which cannot be conceived not to exist; and this is greater than one which can be conceived not to exist. Hence, if that, than which nothing greater can be conceived, can be conceived not to exist, it is not that, than which nothing greater can be conceived. But this is an irreconcilable contradiction. There is, then, so truly a being than which nothing greater can be conceived to exist, that it cannot even be conceived not to exist; and this being you are, O Lord, our God.

So truly, therefore, do you exist, O Lord, my God, that you can not be conceived not to exist; and rightly. For, if a mind could conceive of a being better than you, the creature would rise above the Creator; and this is most absurd. And, indeed, whatever else

there is, except you alone, can be conceived not to exist. To you alone, therefore, it belongs to exist more truly than all other beings, and hence in a higher degree than all others. For, whatever else exists does not exist so truly, and hence in a less degree it belongs to it to exist. Why, then, has the fool said in his heart, there is no God (*Psalms* xiv. 1), since it is so evident, to a rational mind, that you do exist in the highest degree of all? Why, except that he is dull and a fool? ...

How the fool has said in his heart what cannot be conceived. –A thing may be conceived in two ways: (1) when the word signifying it is conceived; (2) when the thing itself is understood. As far as the word goes, God can be conceived not to exist; in reality he cannot.

BUT how has the fool said in his heart what he could not conceive; or how is it that he could not conceive what he said in his heart? since it is the same to say in the heart, and to conceive.

But, if really, nay, since really, he both conceived, because he said in his heart; and did not say in his heart, because he could not conceive; there is more than one way in which a thing is said in the heart or conceived. For, in one sense, an object is conceived, when the word signifying it is conceived; and in another, when the very entity, which the object is, is understood.

In the former sense, then, God can be conceived not to exist; but in the latter, not at all. For no one who understands what fire and water are can conceive fire to be water, in accordance with the nature of the facts themselves, although this is possible according to the words. So, then, no one who understands what God is can conceive that God does not exist; although he says these words in his heart, either without any or with some foreign, signification. For, God is that than which a greater cannot be conceived. And he who thoroughly understands this, assuredly understands that this being so truly exists, that not even in concept can it be non-existent. Therefore, he who understands that God so exists, cannot conceive that he does not exist.

I thank you, gracious Lord, I thank you; because what I formerly believed by your bounty, I now so understand by your illumination,

that if I were unwilling to believe that you do exist, I should not be able not to understand this to be true.

# 55. Gaunilo: Pro Insipiente

## The Reading Selection from *Pro Insipiente*

For example: it is said that somewhere in the ocean is an island, which, because of the difficulty, or rather the impossibility, of discovering what does not exist, is called the lost island. And they say that this island has an inestimable wealth of all manner of riches and delicacies in greater abundance than is told of the Islands of the Blest; and that having no owner or inhabitant, it is more excellent than all other countries, which are inhabited by mankind, in the abundance with which it is stored.

Now if some one should tell me that there is such an island, I should easily understand his words, in which there is no difficulty. But suppose that he went on to say, as if by a logical inference: "You can no longer doubt that this island which is more excellent than all lands exists somewhere, since you have no doubt that it is in your understanding. And since it is more excellent not to be in the understanding alone, but to exist both in the understanding and in reality, for this reason it must exist. For if it does not exist, any land which really exists will be more excellent than it; and so the island already understood by you to be more excellent will not be more excellent."

If a man should try to prove to me by such reasoning that this island truly exists, and that its existence should no longer be doubted, either I should believe that he was jesting, or I know not which I ought to regard as the greater fool: myself, supposing that I should allow this proof; or him, if he should suppose that he had established with any certainty the existence of this island. For he ought to show first that the hypothetical excellence of this island exists as a real and indubitable fact, and in no wise as any unreal object, or one whose existence is uncertain, in my understanding.

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**From the reading..**

“...I know not which I ought to regard as the greater fool: myself, supposing that I should allow this proof; or him...”

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This, in the mean time, is the answer the fool could make to the arguments urged against him. When he is assured in the first place that this being is so great that its non-existence is not even conceivable, and that this in turn is proved on no other ground than the fact that otherwise it will not be greater than all things, the fool may make the same answer, and say:

When did I say that any such being exists in reality, that is, a being greater than all others?—that on this ground it should be proved to me that it also exists in reality to such a degree that it cannot even be conceived not to exist? Whereas in the first place it should be in some way proved that a nature which is higher, that is, greater and better, than all other natures, exists; in order that from this we may then be able to prove all attributes which necessarily the being that is greater and better than all possesses.



[*The Island*], NOAA, John Bortnaik

Moreover, it is said that the non-existence of this being is

inconceivable. It might better be said, perhaps, that its non-existence, or the possibility of its non-existence, is unintelligible. For according to the true meaning of the word, unreal objects are unintelligible. Yet their existence is conceivable in the way in which the fool conceived of the non-existence of God. I am most certainly aware of my own existence; but I know, nevertheless, that my non-existence is possible. As to that supreme being, moreover, which God is, I understand without any doubt both his existence, and the impossibility of his non-existence. Whether, however, so long as I am most positively aware of my existence, I can conceive of my non-existence, I am not sure. But if I can, why can I not conceive of the non-existence of whatever else I know with the same certainty? If, however, I cannot, God will not be the only being of which it can be said, it is impossible to conceive of his non-existence.

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**From the reading...**

“Moreover, it is said that the non-existence of this being is inconceivable. It might better be said, perhaps, that its non-existence...is unintelligible.”

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# 56. Fyodor Dostoevsky: The Problem of Evil

## The Reading Selection from *The Brothers Karamazov*

### [Love Your Neighbor]

“I must make one confession” Ivan began. “I could never understand how one can love one’s neighbours. It’s just one’s neighbours, to my mind, that one can’t love, though one might love those at a distance. I once read somewhere of John the Merciful, a saint, that when a hungry, frozen beggar came to him, he took him into his bed, held him in his arms, and began breathing into his mouth, which was putrid and loathsome from some awful disease. I am convinced that he did that from ‘self-laceration,’ from the self-laceration of falsity, for the sake of the charity imposed by duty, as a penance laid on him. For anyone to love a man, he must be hidden, for as soon as he shows his face, love is gone.”

“Father Zossima has talked of that more than once,” observed Alyosha; “he, too, said that the face of a man often hinders many people not practised in love, from loving him. But yet there’s a great deal of love in mankind, and almost Christ-like love. I know that myself, Ivan.”

“Well, I know nothing of it so far, and can’t understand it, and the innumerable mass of mankind are with me there. The question is, whether that’s due to men’s bad qualities or whether it’s inherent in their nature. To my thinking, Christ-like love for men is a miracle impossible on earth. He was God. But we are not gods. Suppose I,

for instance, suffer intensely. Another can never know how much I suffer, because he is another and not I. And what's more, a man is rarely ready to admit another's suffering (as though it were a distinction). Why won't he admit it, do you think? Because I smell unpleasant, because I have a stupid face, because I once trod on his foot. Besides, there is suffering and suffering; degrading, humiliating suffering such as humbles me—hunger, for instance—my benefactor will perhaps allow me; but when you come to higher suffering—for an idea, for instance—he will very rarely admit that, perhaps because my face strikes him as not at all what he fancies a man should have who suffers for an idea. And so he deprives me instantly of his favour, and not at all from badness of heart. Beggars, especially genteel beggars, ought never to show themselves, but to ask for charity through the newspapers. One can love one's neighbours in the abstract, or even at a distance, but at close quarters it's almost impossible. If it were as on the stage, in the ballet, where if beggars come in, they wear silken rags and tattered lace and beg for alms dancing gracefully, then one might like looking at them. But even then we should not love them. But enough of that. I simply wanted to show you my point of view. I meant to speak of the suffering of mankind generally, but we had better confine ourselves to the sufferings of the children. That reduces the scope of my argument to a tenth of what it would be. Still we'd better keep to the children, though it does weaken my case. But, in the first place, children can be loved even at close quarters, even when they are dirty, even when they are ugly (I fancy, though, children never are ugly). The second reason why I won't speak of grown-up people is that, besides being disgusting and unworthy of love, they have a compensation—they've eaten the apple and know good and evil, and they have become 'like gods.' They go on eating it still. But the children haven't eaten anything, and are so far innocent. Are you fond of children, Alyosha? I know you are, and you will understand why I prefer to speak of them. If they, too, suffer horribly on earth, they must suffer for their fathers' sins, they must be punished for their fathers, who have eaten the apple; but that reasoning is of

the other world and is incomprehensible for the heart of man here on earth. The innocent must not suffer for another's sins, and especially such innocents! You may be surprised at me, Alyosha, but I am awfully fond of children, too. And observe, cruel people, the violent, the rapacious, the Karamazovs are sometimes very fond of children. Children while they are quite little—up to seven, for instance—are so remote from grown-up people they are different creatures, as it were, of a different species. I knew a criminal in prison who had, in the course of his career as a burglar, murdered whole families, including several children. But when he was in prison, he had a strange affection for them. He spent all his time at his window, watching the children playing in the prison yard. He trained one little boy to come up to his window and made great friends with him... You don't know why I am telling you all this, Alyosha? My head aches and I am sad."

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**From the reading...**

"I think if the devil doesn't exist, but man has created him, he has created him in his own image and likeness."

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"You speak with a strange air," observed Alyosha uneasily, "as though you were not quite yourself."

## [The Inhumanity of Man]

"By the way, a Bulgarian I met lately in Moscow," Ivan went on, seeming not to hear his brother's words, "told me about the crimes committed by Turks and Circassians in all parts of Bulgaria through fear of a general rising of the Slavs. They burn villages, murder, outrage women and children, they nail their prisoners by the ears to the fences, leave them so till morning, and in the morning they hang them—all sorts of things you can't imagine. People talk sometimes of bestial cruelty, but that's a great injustice and insult to the beasts;

a beast can never be so cruel as a man, so artistically cruel. The tiger only tears and gnaws, that's all he can do. He would never think of nailing people by the ears, even if he were able to do it. These Turks took a pleasure in torturing children,—too; cutting the unborn child from the mothers womb, and tossing babies up in the air and catching them on the points of their bayonets before their mothers' eyes. Doing it before the mothers' eyes was what gave zest to the amusement. Here is another scene that I thought very interesting. Imagine a trembling mother with her baby in her arms, a circle of invading Turks around her. They've planned a diversion: they pet the baby, laugh to make it laugh. They succeed, the baby laughs. At that moment a Turk points a pistol four inches from the baby's face. The baby laughs with glee, holds out its little hands to the pistol, and he pulls the trigger in the baby's face and blows out its brains. Artistic, wasn't it? By the way, Turks are particularly fond of sweet things, they say."

"Brother, what are you driving at?" asked Alyosha.

"I think if the devil doesn't exist, but man has created him, he has created him in his own image and likeness."

"Just as he did God, then?" observed Alyosha. "It's wonderful how you can turn words,' as Polonius says in Hamlet," laughed Ivan. "You turn my words against me. Well, I am glad. Yours must be a fine God, if man created Him in his image and likeness. You asked just now what I was driving at. You see, I am fond of collecting certain facts, and, would you believe, I even copy anecdotes of a certain sort from newspapers and books, and I've already got a fine collection. The Turks, of course, have gone into it, but they are foreigners. I have specimens from home that are even better than the Turks. You know we prefer beating—rods and scourges—that's our national institution. Nailing ears is unthinkable for us, for we are, after all, Europeans. But the rod and the scourge we have always with us and they cannot be taken from us. Abroad now they scarcely do any beating. Manners are more humane, or laws have been passed, so that they don't dare to flog men now. But they make up for it in another way just as national as ours. And so national that it

would be practically impossible among us, though I believe we are being inoculated with it, since the religious movement began in our aristocracy. I have a charming pamphlet, translated from the French, describing how, quite recently, five years ago, a murderer, Richard, was executed—a young man, I believe, of three and twenty, who repented and was converted to the Christian faith at the very scaffold. This Richard was an illegitimate child who was given as a child of six by his parents to some shepherds on the Swiss mountains. They brought him up to work for them. He grew up like a little wild beast among them. The shepherds taught him nothing, and scarcely fed or clothed him, but sent him out at seven to herd the flock in cold and wet, and no one hesitated or scrupled to treat him so.”

“Quite the contrary, they thought they had every right, for Richard had been given to them as a chattel, and they did not even see the necessity of feeding him. Richard himself describes how in those years, like the Prodigal Son in the Gospel, he longed to eat of the mash given to the pigs, which were fattened for sale. But they wouldn’t even give that, and beat him when he stole from the pigs. And that was how he spent all his childhood and his youth, till he grew up and was strong enough to go away and be a thief. The savage began to earn his living as a day labourer in Geneva. He drank what he earned, he lived like a brute, and finished by killing and robbing an old man. He was caught, tried, and condemned to death. They are not sentimentalists there. And in prison he was immediately surrounded by pastors, members of Christian brotherhoods, philanthropic ladies, and the like. They taught him to read and write in prison, and expounded the Gospel to him. They exhorted him, worked upon him, drummed at him incessantly, till at last he solemnly confessed his crime. He was converted. He wrote to the court himself that he was a monster, but that in the end God had vouchsafed him light and shown grace. All Geneva was in excitement about him—all philanthropic and religious Geneva. All the aristocratic and well-bred society of the town rushed to the prison, kissed Richard and embraced him; ‘You are our brother,

you have found grace.' And Richard does nothing but weep with emotion, 'Yes, I've found grace! All my youth and childhood I was glad of pigs' food, but now even I have found grace. I am dying in the Lord.' 'Yes, Richard, die in the Lord; you have shed blood and must die. Though it's not your fault that you knew not the Lord, when you coveted the pigs' food and were beaten for stealing it (which was very wrong of you, for stealing is forbidden); but you've shed blood and you must die.' And on the last day, Richard, perfectly limp, did nothing but cry and repeat every minute: 'This is my happiest day. I am going to the Lord.' 'Yes,' cry the pastors and the judges and philanthropic ladies. 'This is the happiest day of your life, for you are going to the Lord!' They all walk or drive to the scaffold in procession behind the prison van. At the scaffold they call to Richard: 'Die, brother, die in the Lord, for even thou hast found grace!' And so, covered with his brothers' kisses, Richard is dragged on to the scaffold, and led to the guillotine. And they chopped off his head in brotherly fashion, because he had found grace. Yes, that's characteristic."

"That pamphlet is translated into Russian by some Russian philanthropists of aristocratic rank and evangelical aspirations, and has been distributed gratis for the enlightenment of the people. The case of Richard is interesting because it's national. Though to us it's absurd to cut off a man's head, because he has become our brother and has found grace, yet we have our own specialty, which is all but worse. Our historical pastime is the direct satisfaction of inflicting pain. There are lines in Nekrassov describing how a peasant lashes a horse on the eyes, 'on its meek eyes,' everyone must have seen it. It's peculiarly Russian. He describes how a feeble little nag has foundered under too heavy a load and cannot move. The peasant beats it, beats it savagely, beats it at last not knowing what he is doing in the intoxication of cruelty, thrashes it mercilessly over and over again. 'However weak you are, you must pull, if you die for it.' The nag strains, and then he begins lashing the poor defenceless creature on its weeping, on its 'meek eyes.' The frantic beast tugs and draws the load, trembling all over, gasping for breath, moving

sideways, with a sort of unnatural spasmodic action—it's awful in Nekrassov. But that only a horse, and God has horses to be beaten. So the Tatars have taught us, and they left us the knout as a remembrance of it. But men, too, can be beaten. A well-educated, cultured gentleman and his wife beat their own child with a birch-rod, a girl of seven. I have an exact account of it. The papa was glad that the birch was covered with twigs. 'It stings more,' said he, and so he began stinging his daughter. I know for a fact there are people who at every blow are worked up to sensuality, to literal sensuality, which increases progressively at every blow they inflict. They beat for a minute, for five minutes, for ten minutes, more often and more savagely. The child screams. At last the child cannot scream, it gasps, 'Daddy daddy!' By some diabolical unseemly chance the case was brought into court. A counsel is engaged. The Russian people have long called a barrister 'a conscience for hire.' The counsel protests in his client's defence. 'It's such a simple thing,' he says, 'an everyday domestic event. A father corrects his child. To our shame be it said, it is brought into court.' The jury, convinced by him, give a favourable verdict. The public roars with delight that the torturer is acquitted. Ah, pity I wasn't there! I would have proposed to raise a subscription in his honour! Charming pictures. But I've still better things about children. I've collected a great, great deal about Russian children, Alyosha. There was a little girl of five who was hated by her father and mother, 'most worthy and respectable people, of good education and breeding.' You see, I must repeat again, it is a peculiar characteristic of many people, this love of torturing children, and children only. To all other types of humanity these torturers behave mildly and benevolently, like cultivated and humane Europeans; but they are very fond of tormenting children, even fond of children themselves in that sense. It's just their defencelessness that tempts the tormentor, just the angelic confidence of the child who has no refuge and no appeal, that sets his vile blood on fire. In every man, of course, a demon lies hidden—the demon of rage, the demon of lustful heat at the screams of the tortured victim, the demon of

lawlessness let off the chain, the demon of diseases that follow on vice, gout, kidney disease, and so on.”



*Four Children in Hayfield, Russia, Library of Congress*

“This poor child of five was subjected to every possible torture by those cultivated parents. They beat her, thrashed her, kicked her for no reason till her body was one bruise. Then, they went to greater refinements of cruelty—shut her up all night in the cold and frost in a privy, and because she didn’t ask to be taken up at night (as though a child of five sleeping its angelic, sound sleep could be trained to wake and ask), they smeared her face and filled her mouth with excrement, and it was her mother, her mother did this. And that mother could sleep, hearing the poor child’s groans! Can you understand why a little creature, who can’t even understand what’s done to her, should beat her little aching heart with her tiny fist in the dark and the cold, and weep her meek unresentful tears to dear, kind God to protect her? Do you understand that, friend and brother, you pious and humble novice? Do you understand why this infamy must be and is permitted? Without it, I am told, man could not have existed on earth, for he could not have known good and

evil. Why should he know that diabolical good and evil when it costs so much? Why, the whole world of knowledge is not worth that child's prayer to dear, kind God! I say nothing of the sufferings of grown-up people, they have eaten the apple, damn them, and the devil take them all! But these little ones! I am making you suffer, Alyosha, you are not yourself. I'll leave off if you like."

"Nevermind. I want to suffer too," muttered Alyosha.

## [The Death of an Innocent Child]

"One picture, only one more, because it's so curious, so characteristic, and I have only just read it in some collection of Russian antiquities. I've forgotten the name. I must look it up. It was in the darkest days of serfdom at the beginning of the century, and long live the Liberator of the People! There was in those days a general of aristocratic connections, the owner of great estates, one of those men—somewhat exceptional, I believe, even then—who, retiring from the service into a life of leisure, are convinced that they've earned absolute power over the lives of their subjects. There were such men then. So our general, settled on his property of two thousand souls, lives in pomp, and domineers over his poor neighbours as though they were dependents and buffoons. He has kennels of hundreds of hounds and nearly a hundred dog-boys—all mounted, and in uniform. One day a serf-boy, a little child of eight, threw a stone in play and hurt the paw of the general's favourite hound. 'Why is my favourite dog lame?' He is told that the boy threw a stone that hurt the dog's paw. 'So you did it.' The general looked the child up and down. 'Take him.' He was taken—taken from his mother and kept shut up all night. Early that morning the general comes out on horseback, with the hounds, his dependents, dog-boys, and huntsmen, all mounted around him in full hunting parade. The servants are summoned for their edification, and in front of them all stands the mother of the child. The child is brought from

the lock-up. It's a gloomy, cold, foggy, autumn day, a capital day for hunting. The general orders the child to be undressed; the child is stripped naked. He shivers, numb with terror, not daring to cry... 'Make him run,' commands the general. 'Run! run!' shout the dog-boys. The boy runs... 'At him!' yells the general, and he sets the whole pack of hounds on the child. The hounds catch him, and tear him to pieces before his mother's eyes!...I believe the general was afterwards declared incapable of administering his estates. Well—what did he deserve? To be shot? To be shot for the satisfaction of our moral feelings? Speak, Alyosha!"

"To be shot," murmured Alyosha, lifting his eyes to Ivan with a pale, twisted smile.

"Bravo!" cried Ivan delighted. "If even you say so... You're a pretty monk! So there is a little devil sitting in your heart, Alyosha Karamazov!"

"What I said was absurd, but..."

"That's just the point, that 'but!'" cried Ivan. "Let me tell you, novice, that the absurd is only too necessary on earth. The world stands on absurdities, and perhaps nothing would have come to pass in it without them. We know what we know!"

"What do you know?"

"I understand nothing," Ivan went on, as though in delirium. "I don't want to understand anything now. I want to stick to the fact. I made up my mind long ago not to understand. If I try to understand anything, I shall be false to the fact, and I have determined to stick to the fact."

"Why are you trying me?" Alyosha cried, with sudden distress. "Will you say what you mean at last?"

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**From the reading...**

"And so I hasten to give back my entrance ticket, and if I am an honest man I am bound to give it back as soon as possible."

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"Of course, I will; that's what I've been leading up to. You are dear

to me, I don't want to let you go, and I won't give you up to your Zossima."

Ivan for a minute was silent, his face became all at once very sad.

## [The Problem of Evil]

"Listen! I took the case of children only to make my case clearer. Of the other tears of humanity with which the earth is soaked from its crust to its centre, I will say nothing. I have narrowed my subject on purpose. I am a bug, and I recognise in all humility that I cannot understand why the world is arranged as it is. Men are themselves to blame, I suppose; they were given paradise, they wanted freedom, and stole fire from heaven, though they knew they would become unhappy, so there is no need to pity them. With my pitiful, earthly, Euclidian understanding, all I know is that there is suffering and that there are none guilty; that cause follows effect, simply and directly; that everything flows and finds its level—but that's only Euclidian nonsense, I know that, and I can't consent to live by it! What comfort is it to me that there are none guilty and that cause follows effect simply and directly, and that I know it?—I must have justice, or I will destroy myself. And not justice in some remote infinite time and space, but here on earth, and that I could see myself. I have believed in it. I want to see it, and if I am dead by then, let me rise again, for if it all happens without me, it will be too unfair. Surely I haven't suffered simply that I, my crimes and my sufferings, may manure the soil of the future harmony for somebody else. I want to see with my own eyes the hind lie down with the lion and the victim rise up and embrace his murderer. I want to be there when everyone suddenly understands what it has all been for. All the religions of the world are built on this longing, and I am a believer. But then there are the children, and what am I to do about them? That's a question I can't answer. For the hundredth time I repeat, there are numbers of questions, but I've only taken the children, because in their case

what I mean is so unanswerably clear. Listen! If all must suffer to pay for the eternal harmony, what have children to do with it, tell me, please? It's beyond all comprehension why they should suffer, and why they should pay for the harmony. Why should they, too, furnish material to enrich the soil for the harmony of the future? I understand solidarity in sin among men. I understand solidarity in retribution, too; but there can be no such solidarity with children. And if it is really true that they must share responsibility for all their fathers' crimes, such a truth is not of this world and is beyond my comprehension. Some jester will say, perhaps, that the child would have grown up and have sinned, but you see he didn't grow up, he was torn to pieces by the dogs, at eight years old. Oh, Alyosha, I am not blaspheming! I understand, of course, what an upheaval of the universe it will be when everything in heaven and earth blends in one hymn of praise and everything that lives and has lived cries aloud: 'Thou art just, O Lord, for Thy ways are revealed.' When the mother embraces the fiend who threw her child to the dogs, and all three cry aloud with tears, 'Thou art just, O Lord!' then, of course, the crown of knowledge will be reached and all will be made clear. But what pulls me up here is that I can't accept that harmony. And while I am on earth, I make haste to take my own measures. You see, Alyosha, perhaps it really may happen that if I live to that moment, or rise again to see it, I, too, perhaps, may cry aloud with the rest, looking at the mother embracing the child's torturer, 'Thou art just, O Lord!' but I don't want to cry aloud then. While there is still time, I hasten to protect myself, and so I renounce the higher harmony altogether. It's not worth the tears of that one tortured child who beat itself on the breast with its little fist and prayed in its stinking outhouse, with its unexpiated tears to 'dear, kind God!' It's not worth it, because those tears are unatoned for. They must be atoned for, or there can be no harmony. But how? How are you going to atone for them? Is it possible? By their being avenged? But what do I care for avenging them? What do I care for a hell for oppressors? What good can hell do, since those children have already been tortured? And what becomes of harmony, if there is hell? I want to forgive. I

want to embrace. I don't want more suffering. And if the sufferings of children go to swell the sum of sufferings which was necessary to pay for truth, then I protest that the truth is not worth such a price. I don't want the mother to embrace the oppressor who threw her son to the dogs! She dare not forgive him! Let her forgive him for herself, if she will, let her forgive the torturer for the immeasurable suffering of her mother's heart. But the sufferings of her tortured child she has no right to forgive; she dare not forgive the torturer, even if the child were to forgive him! And if that is so, if they dare not forgive, what becomes of harmony? Is there in the whole world a being who would have the right to forgive and could forgive? I don't want harmony. From love for humanity I don't want it. I would rather be left with the unavenged suffering. I would rather remain with my unavenged suffering and unsatisfied indignation, even if I were wrong. Besides, too high a price is asked for harmony; it's beyond our means to pay so much to enter on it. And so I hasten to give back my entrance ticket, and if I am an honest man I am bound to give it back as soon as possible. And that I am doing. It's not God that I don't accept, Alyosha, only I most respectfully return him the ticket."

"That's rebellion," murmured Alyosha, looking down.

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**From the reading...**

"I don't want harmony. From love of humanity I don't want it."

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"Rebellion? I am sorry you call it that," said Ivan earnestly. "One can hardly live in rebellion, and I want to live. Tell me yourself, I challenge your answer. Imagine that you are creating a fabric of human destiny with the object of making men happy in the end, giving them peace and rest at last, but that it was essential and inevitable to torture to death only one tiny creature—that baby beating its breast with its fist, for instance—and to found that edifice on its unavenged tears, would you consent to be the architect on those conditions? Tell me, and tell the truth."

"No, I wouldn't consent," said Alyosha softly.



*Kasan Cathedral, St. Petersburg, Library of Congress*