

The Necessary Existence of Objective Truth and Objective Reality

1. **We know we are having a subjective experience of reality.**
 - *Subjective*: Dependent on personal perspective or internal experience.
 - The moment you realize you are reading this, this premise is affirmed.
2. **We do not know if objective truth or objective reality exist, since, if they do, they must exist beyond subjectivity.**
 - *Objective*: Independent of personal perspective; existing outside of individual perception.
 - This is the difficulty of the problem of objectivity; whether it actually exists separately, or is simply a construct from within our subjective mind.
3. **However, if we know we are having a subjective experience, then through this knowing, we also know we are rational.**
 - *Rationality*: The capacity for logical and coherent reasoning and understanding.
 - The ability to recognize and know one's subjective experience necessarily demonstrates rationality, as knowing requires the capacity for logical reasoning.
4. **For rationality to function coherently, the classical laws of logic must exist and be true a priori to it.**
 - *A priori*: Existing independently of and logically prior to
 - *Coherence*: The quality of internal consistency with no contradiction
 - The laws of identity, non-contradiction, and the excluded middle are the basis of how any reasoning takes place and are therefore the necessary foundation of rationality.
5. **The classical laws of logic also necessarily exist a priori to subjectivity in order for the identification and distinction of the separate subject from all objects.**
 - Rationality presupposes subjectivity, which in turn presupposes the classical laws of logic because without the differentiation the laws afford, the fundamental differentiation of ourselves as fixed subjects distinct from the world of objects, which is necessary for our subjective use of rationality, would be impossible.
6. **Therefore, the classical laws of logic can neither be grounded in subjectivity nor validated by rationality without accepting the irrationality of circular reasoning.**
 - *Circular reasoning*: A logical fallacy where something is assumed to be true in order to prove its own truth.
 - *Ground*: To serve as the foundation or basis for something, providing the essential structure that allows it to exist or function coherently.
 - *Validation*: To confirm or justify the truth, coherence, or accuracy
 - To claim that the classical laws of logic can originate from subjectivity or be validated by rationality, when they must exist and be true a priori to both, would contradict the very laws themselves and necessarily result in the incoherence of rational thought, and subsequently, the incoherence of our subjective experience of reality.
 - This parallels Gödel's incompleteness theorems which demonstrate that no system can prove its own foundational principles.

7. Therefore, the laws must be grounded in that which is a priori to subjectivity and validated by that which is a priori to rationality: objective reality and objective truth.

- Not only is objectivity beyond subjectivity, but it is also necessarily a priori to it.

Conclusion: Objective reality necessarily exists as the ground for the classical laws of logic and objective truth necessarily exists as their validation.

- Since rationality presupposes subjectivity, and subjectivity requires the classical laws of logic, which themselves require external grounding to avoid circular reasoning, it follows that objective reality necessarily exists as the ground for these laws, and objective truth exists as their validation

It's important to note that the words "classical laws of logic" are not to be confused with existing in objectivity as we experience them in subjectivity. They merely describe a process or structure of reality that exists in objectivity rather than actually existing themselves or in the way we describe them via identity, noncontradiction, and excluded middle. Words and language are subjective constructs meant to represent truth, and are not truth itself.

Modernism, scientism, and empiricism are incomplete because they alone cannot overcome radical skepticism and infinite regress. This proof grounds these philosophies in objective truth, allowing them to function and solves their problem of infinite regress as all that which is beyond and a priori to subjectivity is necessarily infinite.

Postmodernism, relativism, and constructivism are inconsistent because they necessarily rely on stable foundations they claim do not exist. This proof demonstrates objective truth does exist, and our subjective experience of reality is constructed with the logical laws that derive from it.

Pragmatism cannot overcome the problem of self-justification for the grounds of what is considered useful or effective. This proof is what allows pragmatism to function since the grounds of our rationality, which are needed to assess utility, are now validated.

Radical skepticism refutes itself when trying to refute this proof since it requires both subjectivity and laws of logic to attempt any refutation.

This proof unifies concepts of mysticism, as well as supports various religious notions of god. In mysticism subjectivity or individuality is seen as an illusion and that unity or non-duality is the truth that is strived for. This relationship is paralleled between objectivity and subjectivity. In religions, beside all specific descriptions, god or gods are unanimously described as omnipotent, omniscient, omnipresent, and immutable. Objectivity when compared through the lens of subjectivity necessarily shares the same characteristics. One could argue this is logical proof demonstrating not only the existence of god, but the truth of mysticism.

By establishing the necessity of objective truth as the foundation for all rationality with purely deductive reasoning, this proof solidifies objectivity as the core of all philosophical thought, encompassing all subjective viewpoints and possibilities. My vision is a world unified with a solid foundation of truth; one that protects us from any dogmatic or authoritarian exclusive claims on truth, as well as empowers all individuals to contribute to its collective pursuit.