

Godel's Mathematical Proof of God's Existence

Axiom 1. (Dichotomy) A property is positive if and only if its negation is negative.

Axiom 2, (Closure) A property is positive if it necessarily contains a positive property.

Theorem 1 A positive property is logically consistent (i.e., possibly it has some instance.)

Definition. Something is God-like if and only if it possesses all positive properties.

Axiom 3. Being God-like is a positive property.

Axiom 4. Being a positive property is (logical, hence) necessary.

Definition. A property P is the essence of x if and only if x has P and P is necessarily minimal.

Theorem 2 If x is God-like, then being God-like is the essence of x

Definition. $NE(x)$: x necessarily exists if it has an essential property.

Axiom 5. Being NE is God-like.

Theorem 3. Necessarily there is some x such that x is God-like.