

1. The Universe began to exist.

2. Whatever begins to exist has a cause of its existence.

Therefore, the universe has a cause of its existence.

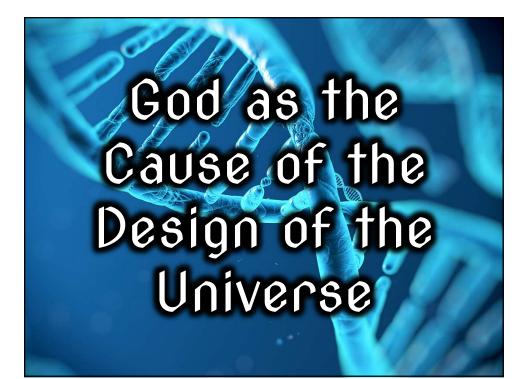
# 1. The Universe began to exist.

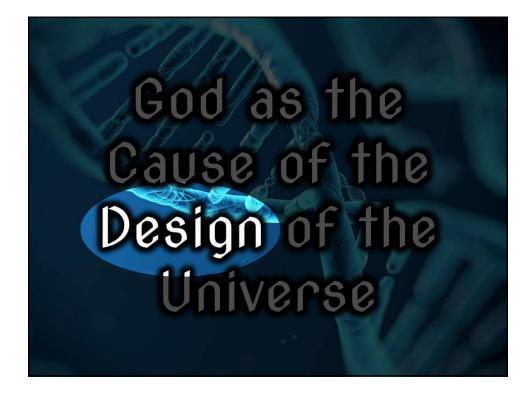
2. Whatever begins to exist has a cause of its existence.

Therefore, the universe has a cause of its existence.

<section-header><section-header><text>

✓ Big Bang Theory
 ✓ Expanding Universe
 ✓ Second Law of Thermodynamics





The Scientific Evidence for the Design in the Universe

### Extrinsic Design of the Universe as a Whole

Design as fine tuning for life
Design as the origin of life

### Intrinsic Design of Living Systems

Design as information

- Design as irreducible complexity
- Design as knowledge of reality



## 🄊 Strengths 🛷

 $\triangleright$ 

They appeal to the common sense notion that something can only begin to exist by being caused to exist.

They appeal to the common sense notion that anything that exhibits sufficient evidence of design is likely caused by an intelligence.

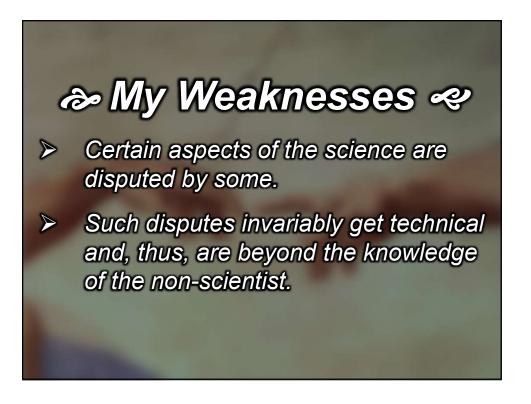


### 🗞 Weaknesses 🛷

 $\triangleright$ 

These arguments do not demonstrate that the cause of the universe still exists.

These arguments do not demonstrate that the cause of the universe is God (i.e., that the cause has the attributes of classical theism).

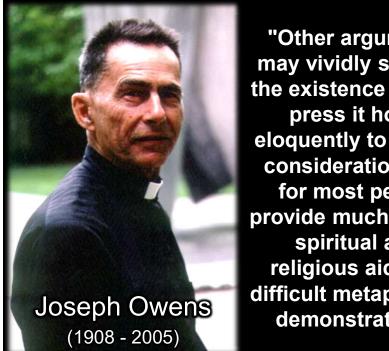


# 🗞 My Weaknesses 🛷

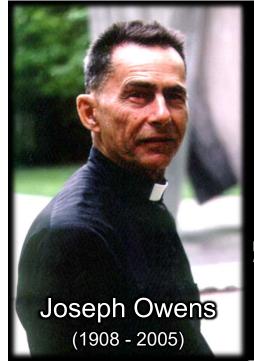
Certain aspects of the science are disputed by some.

 $\triangleright$ 

Such disputes invariably get technical and, thus, are beyond the knowledge of the non-scientist like me.

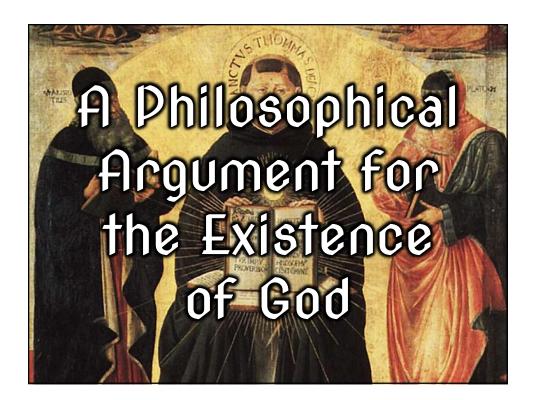


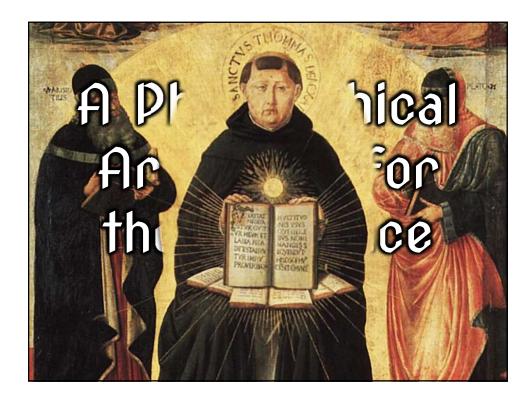
"Other arguments may vividly suggest the existence of God, press it home eloquently to human consideration, and for most people provide much greater spiritual and religious aid than difficult metaphysical demonstrations.

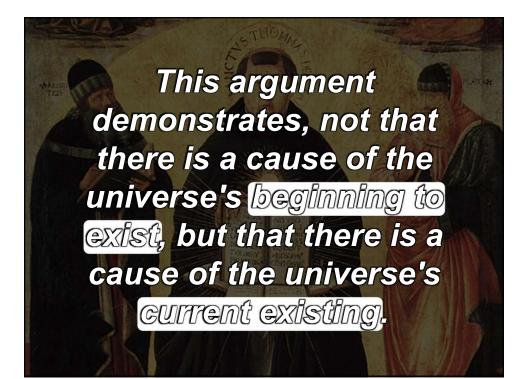


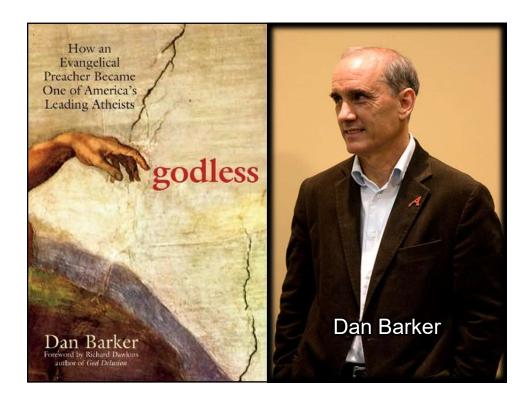
"But on the philosophical level these arguments are open to rebuttal and refutation, for they are not philosophically cogent."

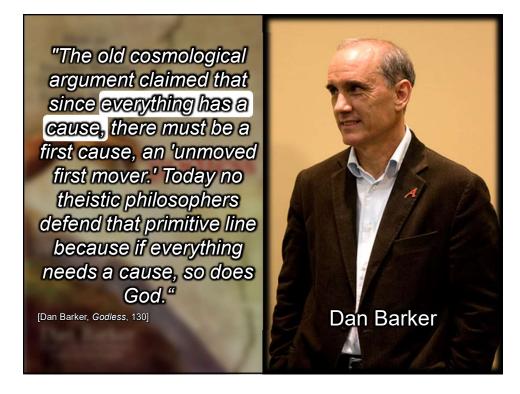
[Joseph Owens, "Aquinas and the Five Ways," *Monist* 58 (Jan. 1974): 16-35. [p. 33]]

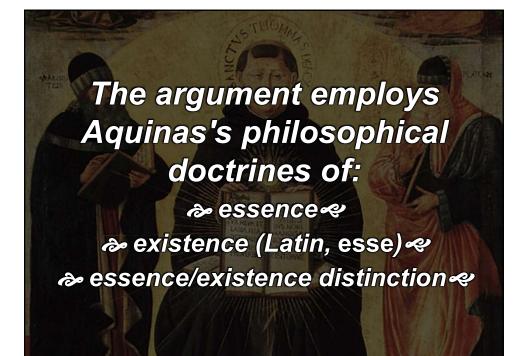




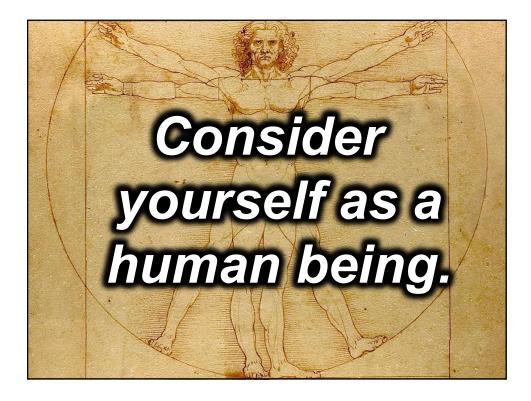


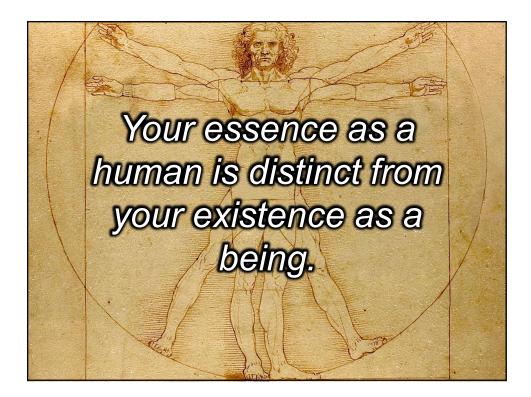


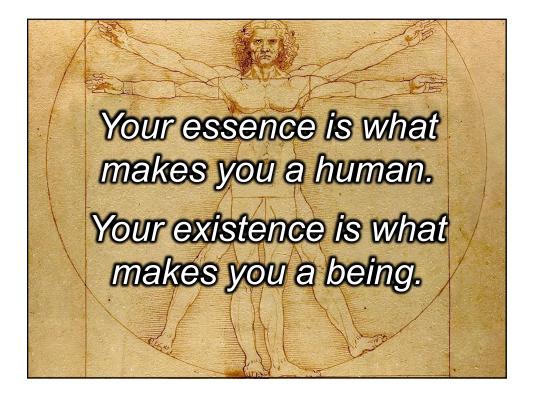


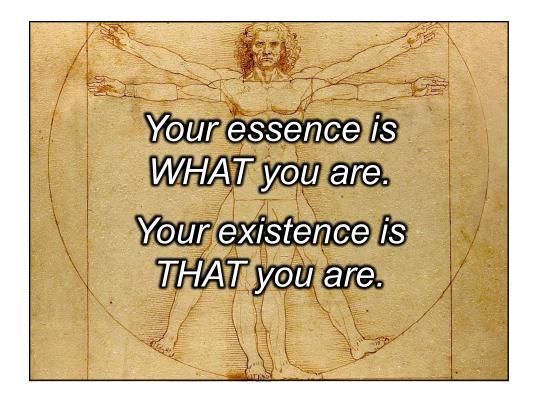










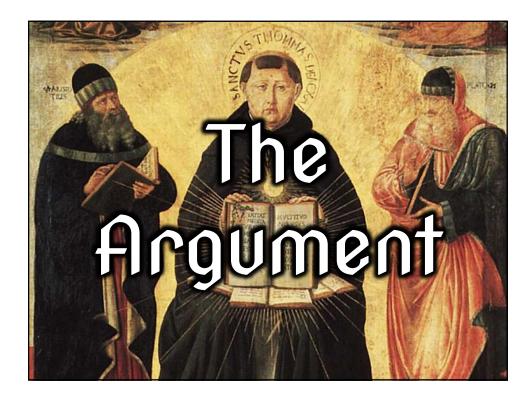


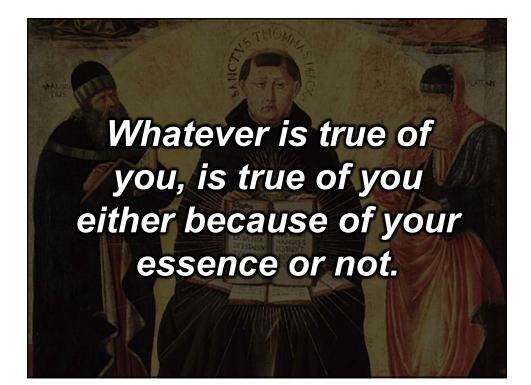


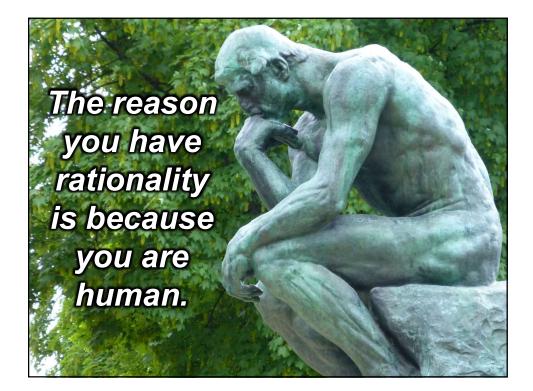
# <section-header><text>

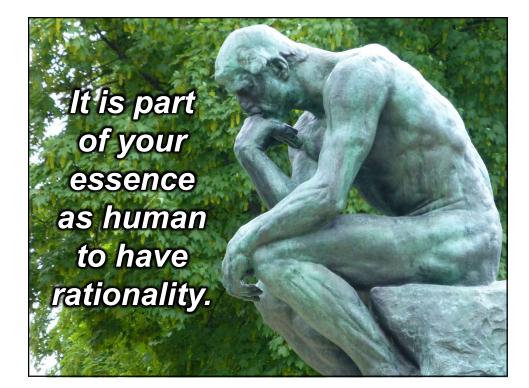
That essence and existence are distinct in sensible objects is evident from the fact that one can understand the essence of a thing without knowing whether it exists.

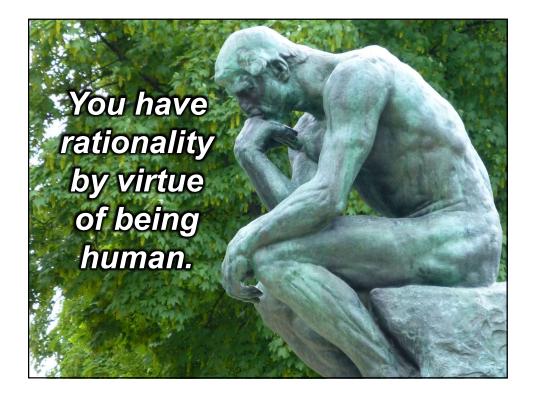


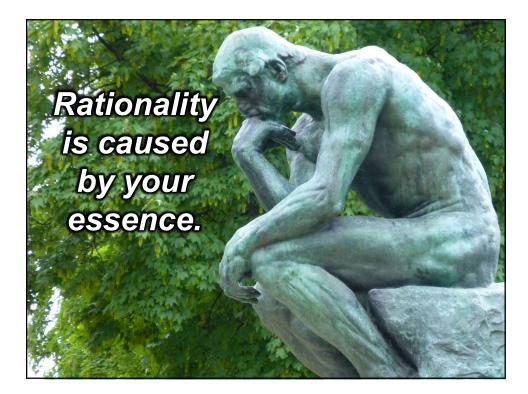


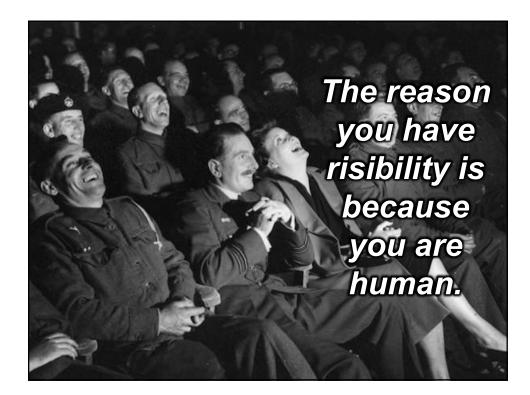


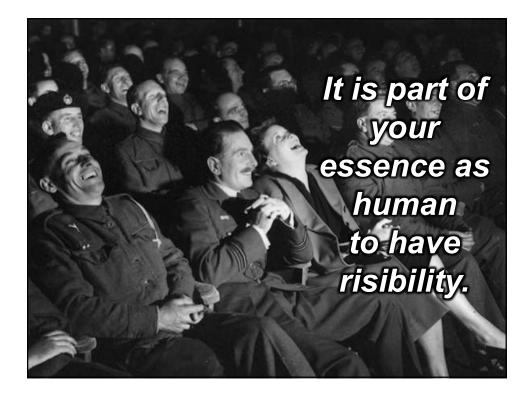


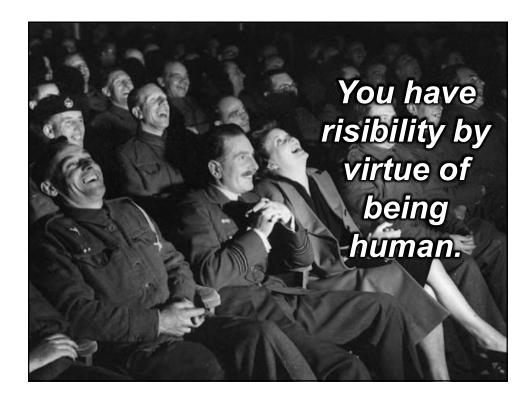


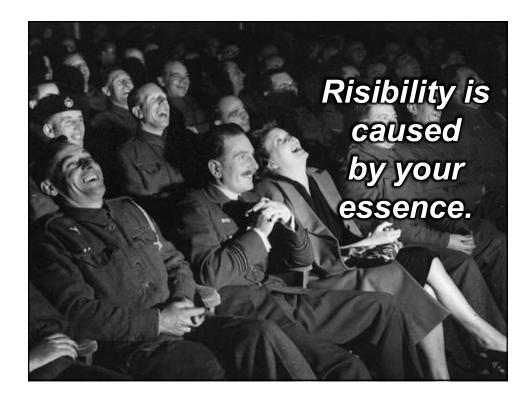


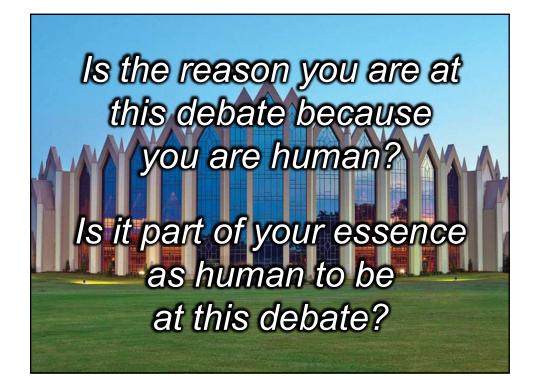


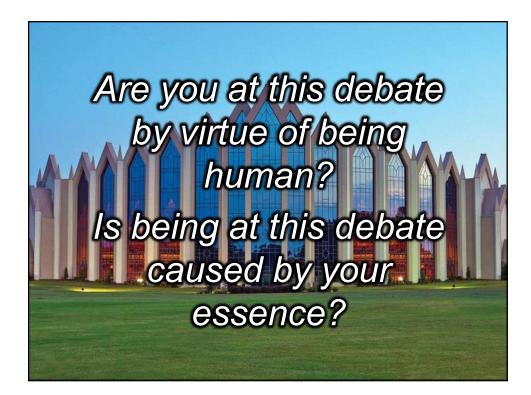


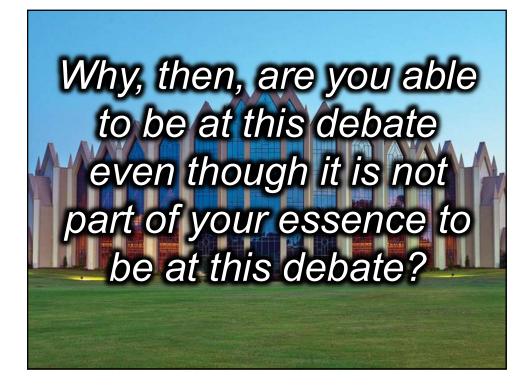


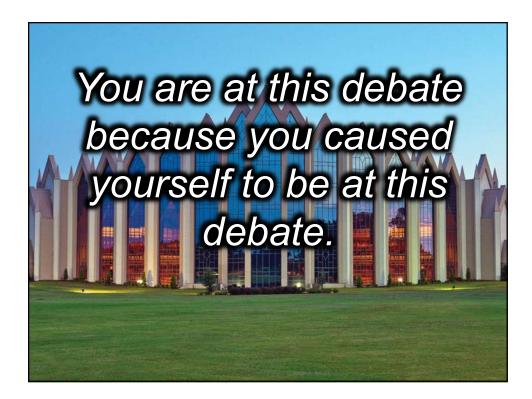


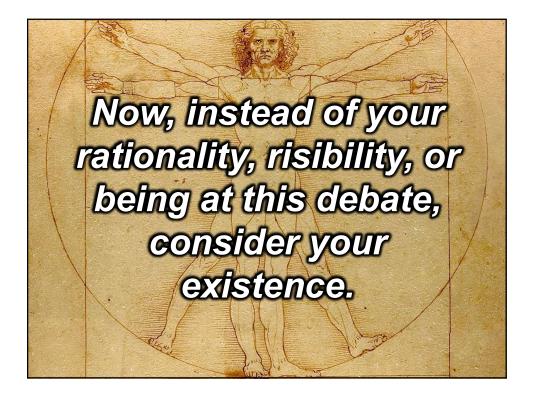


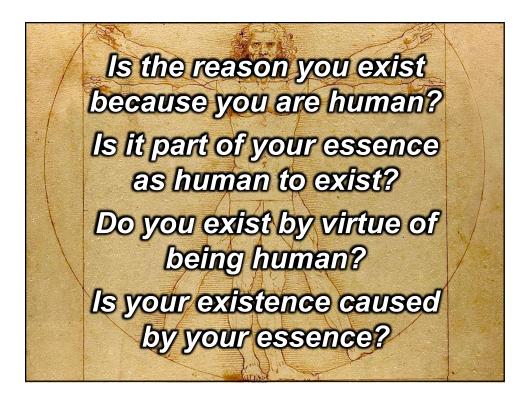


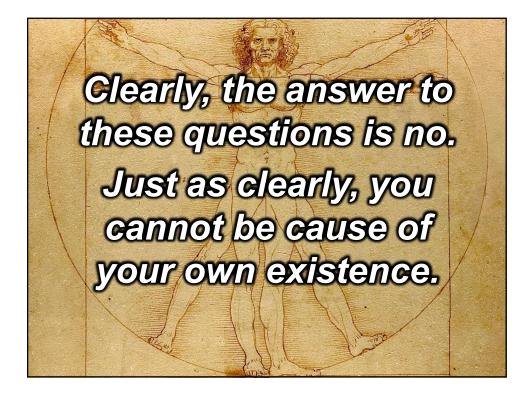


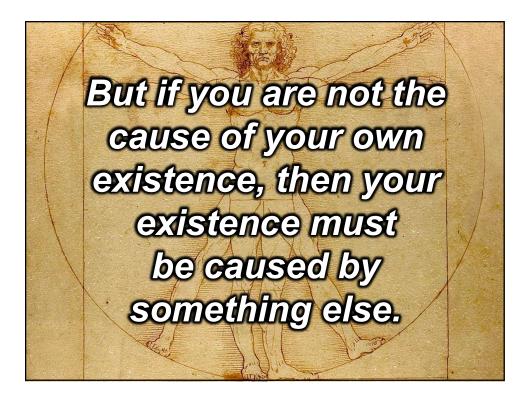


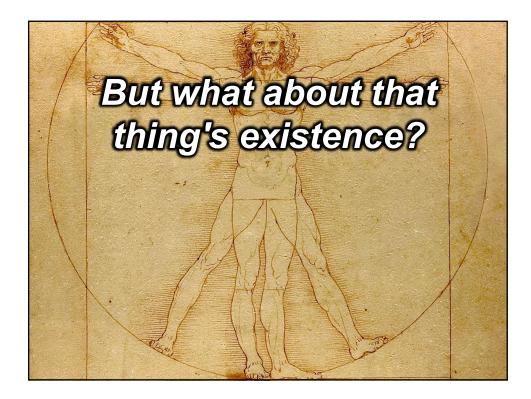


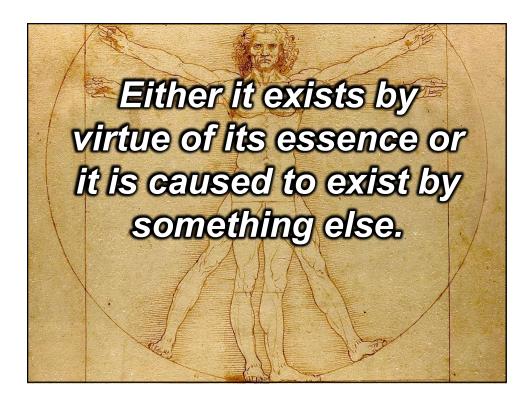




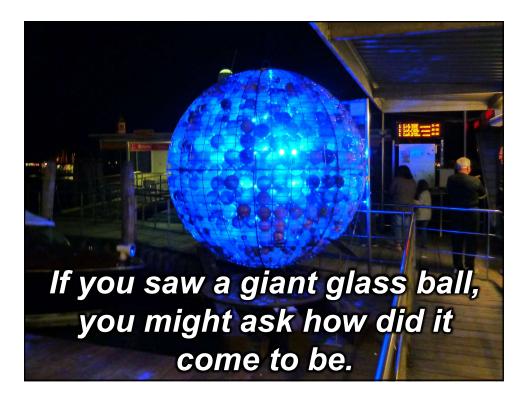


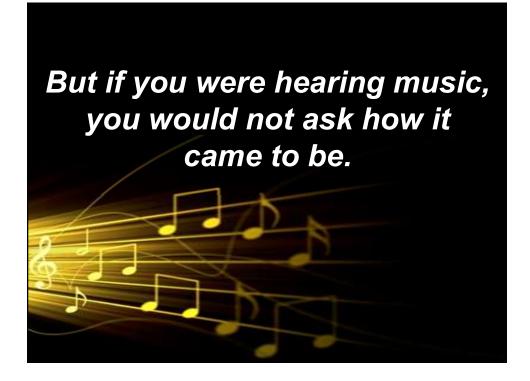


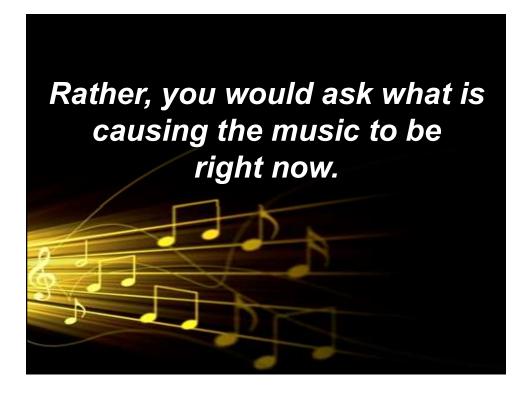


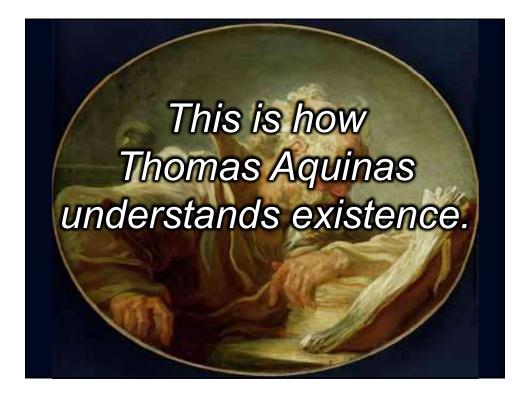






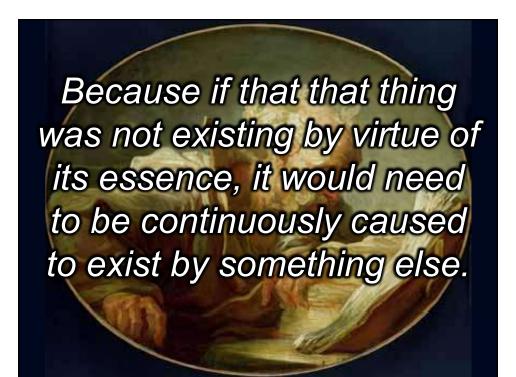






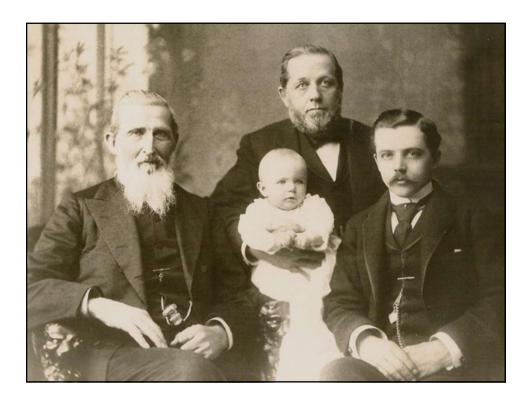
Anything that exists that does not exist by virtue of its essence must be continuously caused to exist by something whose essence IS existence itself.





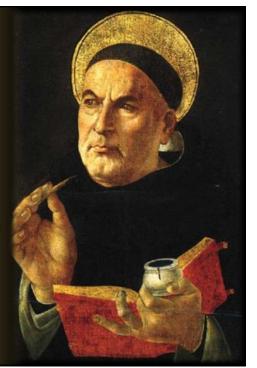




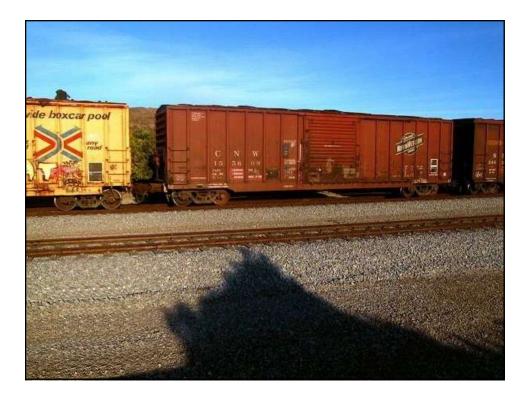


"It is accidental to this particular man as generator to be generated by another man; for he generates as a man, and not as the son of another man."

[Summa Theologiae 1, Q, 46, ii, ad 7]



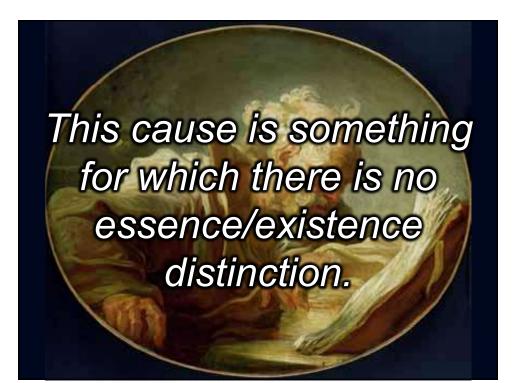


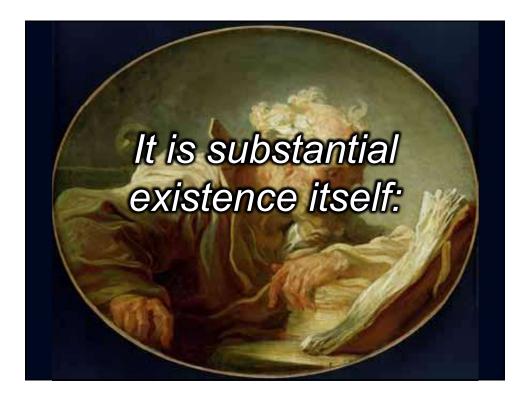


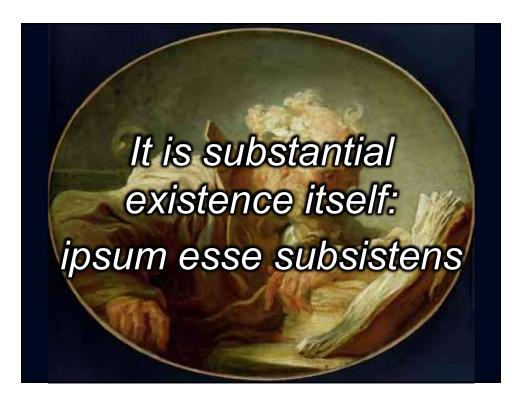




Anything that exists that does not exist by virtue of its essence must be continuously caused to exist by something whose essence IS existence itself.







<section-header><text>

