

## COSMOLOGICAL ARGUMENT

1. Whatever begins to exist has a cause.

2. The universe began to exist.

2.1 First Philosophical Argument

2.11 An actually infinite number of things cannot exist.

2.12 A beginningless series of past events involves an actually infinite number of things.

2.13 Therefore, a beginningless series of past events cannot exist.

## 2.2 Second Philosophical Argument

2.11 An actually infinite collection of things cannot be formed by successive addition.

2.12 The series of past events is a collection of things formed by successive addition.

2.13 Therefore, The series of past events cannot be actually infinite.

## 2.3 First Scientific Confirmation

## 2.4 Second Scientific Confirmation

3. Therefore, the universe has a cause.

4. If the universe has a cause, it is uncaused, beginningless, changeless, immaterial, timeless, spaceless, unimaginably powerful, and personal.

4.1 The cause is uncaused.

4.2 The cause is beginningless.

4.3 The cause is changeless.

4.4 The cause is immaterial.

4.5 The cause is timeless.

4.6 The cause is spaceless.

4.7 The cause is unimaginably powerful

4.8 The cause is personal.

5. Therefore, a personal Creator of the universe exists, who is uncaused, beginningless, changeless, immaterial, timeless, spaceless, and unimaginably powerful.