



1. If the universe began to exist, then the universe has a cause of its beginning
2. The universe began to exist
3. Therefore, the universe has a cause of its beginning

1. If the universe began to exist, then the universe has a cause of its beginning

2. The universe began to exist

- Actual infinite cannot exist
- 2012: Borde, Guth, Vilenkin showed any universe which is in a state of expansion on average must have had a beginning

3. Therefore, the universe has a cause of its beginning

- Timeless
- Spaceless
- Immaterial
- Powerful
- Beginningless
- Personal