



Special Topics

10 Islam, Religion, and Modern Controversies

10.4 **God's Existence: The Kalam Cosmological Argument**

Word: Virtual particles:

Meaning: a disturbance in a quantum field

Word: Quantum mechanics:

Meaning: the branch of mechanics that deals with the mathematical description of the motion and interaction of subatomic particles, incorporating the concepts of quantization of energy, wave-particle duality, the uncertainty principle, and the correspondence principle.