

## UNIVERSE, DARK MATTER & DARK ENERGY

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### ABSTRACT

This paper points out that the Spin-Top Model of the universe explains many hitherto unexplained features of the universe, such as the universe being flat rather than spherical, collision of galaxies, some smaller galaxies orbiting bigger galaxies, etc. Using the Spin-Top Model of the universe, the paper explains the so called dark matter and dark energy, and derives the pertinent equations using the well-known laws of the physics. It clearly shows that we don't have to invoke some invisible particles with magical properties to try explain the dark matter and the dark energy.

**Keywords:** Universe, Spin-Top Model, Dark Matter, Dark Energy.