

A New Simple Explanation to Demonstrate the Helical Motion of Photons in the Universe

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Consideration of the Moon, as observed nightly, reveals that it orbits the Earth, while the Earth itself orbits the Sun. In reality, as the Moon revolves around the Earth, the combined gravitational influence of the Earth and the Sun—around which it also travels—induces an additional motion.

Essentially, the rotational movement around the Earth, combined with the Earth's closed-curve orbit around the Sun, results in both circular and linear motion. The combination of these two movements produces helical motion.

When identifying the source of photons in nature, they are easily located within the electron. Electrons "emit" photons during release; however, at the moment of emission, these photons are influenced by the electron's rotation around its own axis, as well as the electron's orbit around the central nucleus.

During the emission of a photon, there is a linear motion (which establishes the speed C) and a subsequent rotational motion transferred from the electron's spin and its orbital path around the proton. Therefore, the interaction between simple linear motion and rotational motion creates a helical motion. Due to these dual rotational influences, photons possess both a "small" and "large" helical motion, with the amplitude of a wave being defined within the larger helical motion.

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