

Proving the Helical Motion of the Photon with Ten Reasons

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In the Thomas Young experiment, interference patterns are observed and to justify them, they are considered light as a wave. But an Electron whose rest-mass has been proven to be constant also has an interference pattern in Young's double-slit experiment. Therefore, it seems that existence of interference patterns is related to the motion of particle not the nature of it. In this paper, we are going to introduce a helical motion for photon and prove it with 10 great reasons, such as the evanescent of red light respective to the blue light, the amount of electrical energy production in solar cells, possibility of existence of constant mass for photons, etc.

