

A New Model to Represent the Photon Shape and Its Energy Equations

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The motion of the photon is affected by the motion of its source, Electron, and must include all types of motion of its source. So, the photon has a three-dimensional motion, including a transition movement and a rotary motion and it traverses in a helical trajectory. By using this definition, we have proved wave-particle duality at the same time and introduce a new equation for the photon energy. The photon that emits from a source and whose energy decreases, what remains of it is the same energy that Planck has calculated:

Energy calculated by Planck = Initial energy - Energy consumed on the way

On the other hand, we will explain that like the atom, the photon also has a central part around which particles are rotating and, indeed, the photon is a small atom with a similar constitution.

