

A GRAND ILLUSION OF PHOTONS

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Photons are discrete energy points on electromagnetic waves that are carried through and by a medium that permeates space and gaseous, liquid and solid matter. The medium is the ether, an elastic solid. Photons cannot exist without carrier waves. Waves cannot exist without a medium. Fresnel and Arago demonstrated that these waves are transverse waves vibrating at right angles to each other.

The wave property of the wave-photon duality accounts for:

Light colour (= wavelength)

Interference (Young's double slit experiment)

Free intersection of light from different sources

Partial transmission and reflection at the boundary between different materials (air, water, glass etc)

Polarisation

Distance decrease of illumination (Inverse Square Law)

Reflection

Refraction (Ratio of speed of light in air/water of 1.33 by Michelson 1883 agrees with refractive index of water of 1.33)

Dispersion (due to colour of light ie its wavelength, seen in rainbows)

Diffraction (Grimaldi 1665, Huygens: Waves travel around corners of objects)

Doppler Effect (Observed wave FREQUENCY depends on motion of source and observer)

Radio wave transmission by amplitude and frequency modulation

Photon energy ($E=hc/\text{wavelength}$)

The photon property of the wave-photon duality accounts for:

Aberration

Propagation of light in straight lines

Sharp shadows

Reflection (if elastic collision)

Distance decrease of illumination (Inverse Square Law)

Light pressure

Heating due to light absorption

Photoelectric effect

The ether was abolished by the Michelson-Morley Experiment (MMX) in 1887. However, MMX and similar experiments, while correctly showing null results, are nevertheless based on incorrect assumptions and

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premises. It is necessary to resurrect the ether. The re-examination of MMX and the second coming of the ether will liberate science from the bizarre theories of the last 115 years.

Peter Riedt

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- *Follow-Ups:*
 - ◆ **Re: A GRAND ILLUSION OF PHOTONS**
◇ *From:* Tom Roberts
 - ◆ **Re: A GRAND ILLUSION OF PHOTONS**
◇ *From:* Bill Hobba

 - Prev by Date: **Re: complex numbers**
 - Next by Date: **Re: One approach for SR.**
 - Previous by thread: **Re : Who will stun the world as next Einstein?**
 - Next by thread: **Re: A GRAND ILLUSION OF PHOTONS**
 - Index(es):
 - ◆ **Date**
 - ◆ **Thread**