

# "An Elementary Fact Worth Remembering" - Discussion

Post by "Bryan" of January 26, 2025 at 8:19 AM

## [Quote from Martin](#)

light has mass while the elementary particle which makes up light, the photon has a nominal rest mass of zero

Thank you Martin. Even if photons are only considered "massless" when they are not moving — Given, in the real world, light is never not moving, why should we follow Einstein and take the basis of our considerations something that does not exist: "massless and motionless elementary particles of light"?

## [Quote from Martin](#)

Although from a theoretical perspective, Einstein's theories and quantum mechanics have replaced Newton's theory of gravity/mechanics, in actual practice, Newton's theory is still far more often applied than the newer theories because Newton's mechanics is accurate enough and more efficient to use for problems which are within its limits.

Does not this mean there is a separation between our theory and our practice? If Newton works in the real world, perhaps he is mostly all we need.