

# Review of: "Some Considerations on the Speed of Light"

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Potential competing interests: No potential competing interests to declare.

The article is not suitable for publication:

i), it claims that a photon is absorbed by its "complete wavelength" (cf. Fig. 1). This assumes that the extension of a photon equals its wavelength.

ii), his formula

$$C = V_{\text{single ph}}(\lambda) + V_{\text{single ph}}(\nu)$$

(before Table 1) is far from being "obvious". The explanations of the author are obscure. Here, he write that the speed of photons of all colors equals  $c$  - there, he writes that violet photons are faster than red photons. Another example is this:

iv), Forbes & Young 1881 [3] surely didn't use single photons. Their result as cited by this author contradicts Maxwell relation

$$c = 1 / \sqrt{\epsilon_0 \mu_0}$$

quoted by this author.

v), the criticism of [8] is wrong because the index of refraction depends on the frequency.