

# Review of: "Relativistic effects and photon-mirror interaction – energy absorption and time delay"

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**Potential competing interests:** No potential competing interests to declare.

The paper submitted by Thakur S. N. discusses the interaction between photons and mirrors and its impact on energy absorption and time delay. While the analysis appears to have potential value, the mathematical modal and interpretation of the results seems deficient, with inaccuracies that could cause potential misunderstandings. The manuscript has indistinct explanations of some important points, which make it unclear and lacks credibility. Some of the ambiguous points of this manuscript are as follows:

1. In subsection 1.2 "**Angle of Incidence and Reflection**", the author claims that the sum of incidence and reflection angles is always  $180^\circ$ . However, in subsection 2 the values individual angles  $\theta_i$  and  $\theta_r$  is taken  $180^\circ$  each, making  $\theta_i + \theta_r = 360^\circ$ . This is self-contradictory.
2. On one hand, the author has defined some of the terms like  $\Delta E$  a multiple number of times in the manuscript which is unnecessary. On the other hand, some of the terms like  $T^0$  are not defined at all.
3. The language and the frame work of this manuscript is not scientifically sound.

To sum up, this work is quite deficient and I do not recommend to publish this paper in the current form.