

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

Andrii Sizhuk¹

¹ National Taras Shevchenko University of Kiev

Potential competing interests: No potential competing interests to declare.

Dear author, thank You for the work and an attempt to conversate the relativistic effects.

With Your kind permission, there is a suggestion for the author given below.

Soumendra Nath Thakur's article [Relativistic effects and photon-mirror interaction – energy absorption and time delay](#) should be withdrawn from the process of review before the author of that very first draft of his journey to relativistic physics receives more and more negative comments and feedback. All the comments and reviews, already posted, are truly reflecting the level of the draft. The material can not be classified as scientific. Discuss the following examples.

There are no relativistic effects, such as Compton effect, and even the limited light speed, being discussed in the work. What is nature of the change in frequency? The expression for the energy shift does not comply the Heisenberg uncertainty principle, $dE dt \Rightarrow \hbar$. There is no incidence angle equal to 180 degrees (maximum 90 degrees) between the falling beam and the normal (measurable), and even if we choose a direction of the normal to a mirror surface, the sum of the incident and reflected angles can not be always 180 degrees. Here, according with the common definition, 180 degrees corresponds to the beam not interacting with the mirror. And so on...

Therefore, the author should have a chance to continue his investigation and study the subject, talk to his supervisor or/and colleagues, make a presentation for them, discuss and formulate his idea of what the object of investigation is, and then launch the writing. Relativistic description is not so hard to study, though it is quite abstract and remote from our perception. So that, further discussion of this file has to be postponed until the author conducts the research. There is no necessity to hurry up with the comprehension of the nature. Let's take time to think more.

Thank You for Your attention and the interest in the complicated and beautiful domain of physics. Keep going.

Have fun with science. Hope to hear from You later.

With respect,

reviewer.