Mössbauer Effect and Machyons

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ABSTRACT: The significance of the Mössbauer effect for the conjugation of photon with tachyons and machyons has been presented. The possibility of the tunneling of photon to the regions described by the dependence v > c has been foreseen.

The kinetic energy of the source isn't added to the velocity of light but to its frequency. It means that certain infinite potential barrier exists which makes impossible such a process.

However, because the partial tunneling may appear even at certain cases of the infinite potential barrier, so using the Mössbauer effect one can detect the conjugation of photon with tachyons and machyons [1].

Simply the absorption will appear at the concrete different velocity of the source.

The dressing of the particles with the mass equal zero into the nonzero mass means that each particle has the core concentrated at the neighborhood of the point $r = 0$, meaning precisely the place of the tunneling to another Universe [2].

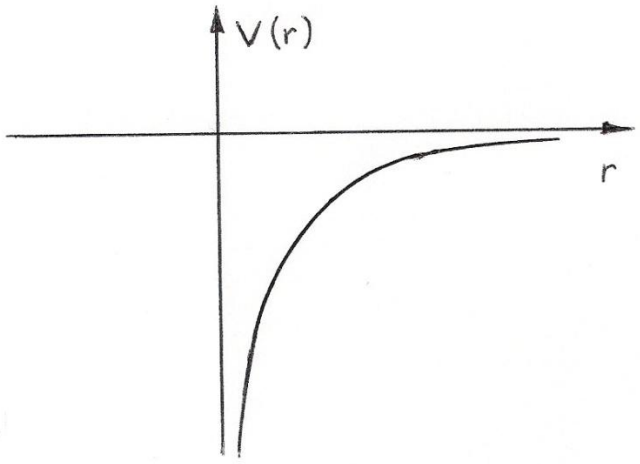

Fig. 1

The photon with the rest mass $m_o = 0$ is dressed into the mass $m = \frac{h\nu}{c^2}$ too.
It means that in the case of photon there exists a possibility of the tunneling to such regions (of the reality), in which objects move with the velocity v > c, because of the conjugation with machyons [3, 4].

References:

[1] Z. Morawski, "Loops in Effects of Absorption, Photoelectric Effect and Mössbauer Effect"
[2] Z. Morawski, "Black Holes and Parallel Universes"
[3] R. P. Feynman, "Strange Theory of Light and Matter"
[4] Z. Morawski, "Implications of Complex Mass", this website