

# Proposed new laws

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$$c_{gr}^2 + v_{esc}^2 = c^2$$

$$h_{gr} = h \left( 1 - \frac{v_{esc}^2}{c^2} \right)$$

$$E_{ofQuantum} = E_{kinetic} + E_{potential} = h_{gr} * f + h * f * \frac{v_{esc}^2}{c^2}$$

$c_{gr}$  - speed of light in gravitational field

$v_{esc}$  - escape velocity.

$c$  - speed of light far from gravity

$h_{gr}$  - Plank's constant in gravitational field.

$h$  - Plank's constant far from gravitational field.

$f$  - constant frequency of quantum in gravitational field.