

A modification of the relativistic energy-momentum relation

Monday, 4 June 2012 16:40 (0:20)

Abstract content

A modification of the accepted relativistic energy-momentum relation is suggested. The new relation allows massive particles to have a maximum velocity $c(m)$ greater than the velocity of light c . The effect of the modification suggested here would be most apparent for objects with masses nearly equal to the Planck mass.

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Session Classification : BSM