

SPEED OF ANY VISIBLE MASSIVE PARTICLE BECOMES EQUAL TO THE SPEED OF LIGHT

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ABSTRACT

As we know that escape velocity helps to leave the gravitational field of any celestial bodies like Earth, but there is uncertainty about its speed by which it leaves gravitational field and enters the other's gravitational field. This script gives information about its speed by which it would be determined easily its location after certain time. This idea based on the Law of conservation of energy and Law of conservation of momentum. It also deals about a jerk felt by escaping particle at the limiting point of gravitational field of any celestial body like the Earth.

KEYWORDS: Rest Mass, Escape Velocity, The Law of Conservation of Energy, Adjustable Momentum, Zero Gravity, Jerk on Particle, Slight Larger, Kinetic Energy