Is force directly proportional to the square of matter without regards distance? AHMAD REZA ESTAKHR, Researcher — is force directly proportional to the square of matter without regards distance? $F \propto m^2$ The answer is yes! Estakhr's Constant: $B = 0.129224260(5 \sim 6)N/(Mev/c^2)^2$ that led to equivalence between square of mass and force $F = m^2.B$ at high energies. Estakhr's constant is the first constant in Quantum physics that shows force between two masses without regards their distance, it Also can means as squared of one single mass. In estakhr's equation of force acceleration is proportional to mass, at high energy physics.

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