

Abstract Submitted
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Effect of Large Masses on Particle-Particle Interactions TOMMIE
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particles are governed by the Lagrangian which depends on the trace of the metric
of local spacetime. Particle-particle interactions near massive objects will depend on
the mass, angular momentum, and charge of the object. We explore and compare
interactions in flat spacetime with those in a Schwarzschild metric for spin-0 and
spin-1/2 particles through computational simulation.

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