

Abstract Submitted
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Gravitational Tests of Lorentz Symmetry JAY TASSON, Whitman College — Tests of Lorentz symmetry provide a potential means of detecting new physics originating at the Planck scale. The effects of hypothetical violations of Lorentz symmetry in experiments performed at presently accessible energies are described by a test framework called the Standard-Model Extension (SME). In this talk, I will provide a summary of the SME and discuss recent work on gravitational tests.

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