

## Ongoing Efforts to Constrain Lorentz Symmetry Violation in Gravity

Searching for minuscule departures from exact Lorentz symmetry is an excellent probe of new physics; recently, there has been a large increase in gravity tests of Lorentz symmetry. In the context of the Standard-Model Extension effective field theory, we discuss and summarise recent developments in the search for Lorentz violation. We also present recent work done in Lorentz-violating models of gravity.

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