

Abstract Submitted
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Lorentz-Violating Electrodynamics and the Hydrogen Spectrum

ADAM HINKLE, MATTHEW MEWES, Marquette University — Atomic spectra have provided sensitive tests of Lorentz symmetry. The hydrogen spectrum from the fermion sector of the Lorentz-violating Standard-Model Extension (SME) has been well studied. Here we present an analysis of the spectrum from the less studied photon sector.

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