

CPT-symmetry studies with Antihydrogen

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A number of approaches to physics beyond the Standard Model can accommodate minuscule violations of CPT invariance. Since CPT symmetry can be measured with ultrahigh precision, CPT tests offer an interesting phenomenological avenue to search for underlying physics. I discuss this line of reasoning in more detail, comment on the connection between CPT and Lorentz invariance, and review how CPT-symmetry breaking would effect the (Anti)hydrogen spectrum.

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