

CPT breaking and charge non-conservation.

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We demonstrate that non-zero mass difference between electron and positron that breaks CPT-symmetry produces also an electric charge non-conservation and non-zero photon mass. Cosmological bounds on non-zero photon mass can be transformed into bounds on electron-positron mass difference that 10-15 order of magnitude stronger than existing direct bounds

Presentation type

Section talk (10+5 min)

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