

A cosmological bound on e^+e^- mass difference

Thursday, 6 March 2014 15:00 (1 hour)

We demonstrate that CPT-violation due to the e^+e^- mass difference generates a photon mass.
As a result a cosmological bound on the photon mass leads to the bound on e^+e^- mass difference that more than 10 orders of magnitude stronger than the direct experimental bound.

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