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Deviating from the canonical: induced noncommutativity

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We examine mechanisms that lead to modified canonical commutation relations, which lie at the heart of CPT symmetries. We find that the effective description of slow degrees of freedom, coupled to fast ones in the adiabatic regime, leads to novel forms of noncommutativity - a concrete example of a quantum field theory with these characteristics is presented.

Primary author:Prof. CHRYSSOMALAKOS, Chryssomalis (ICN UNAM)Presenter:Prof. CHRYSSOMALAKOS, Chryssomalis (ICN UNAM)Session Classification:CPT and Lorentz symmetries, QM (2)

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