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B. lochum, T. Masson, Th. Schücker, A. Sitarz			Current browse cont	
(Submitted on 18 Jul 2011)			math-ph < prev next >	
The aim of the paper is to answer the following question: does \$\kappa\$-deformation fit into the framework of noncommutative geometry in the sense of spectral triples? Using a compactification of time, we get a discrete version of \$\kappa\$-Minkowski deformation via \$C^*\$-algebras of groups. The dynamical system of the underlying groups (including some BaumslagSolitar groups) is used in order to construct \emph{finitely summable} spectral triples. This allows to bypass an obstruction to finite-summability appearing when using the common regular representation.		the	new recent 1107	
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