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Title: "Noncommutative geometry for bimetric gravity models"

Bimetric gravity models are possible extensions of the standard cosmological model. Originally the action for this class of models contained free coefficients which characterize cosmological scenarios, and even slight change of them may be crucial. We propose an approach, based on the noncommutative geometry methods, that will possibly allow to determine these parameters using properly chosen spectral triples and methods of Wodzicki residuum computation for generalized Dirac operators. Therefore, it seems like it is possible to derive the form of this action from purely geometrical considerations. This work is still in progress and the results which will be presented are dependent on actual progress in the research.