

VII Leopoldo García-Colín Mexican Meeting on Mathematical and
Experimental Physics



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MIGUEL SABIDO: Noncommutative Cosmology and the Cosmological Constant

Thursday, 20 February 2020 18:30 (30 minutes)

In this work we explore the possibility of a noncommutative origin to the cosmological constant. The results are derived in the context of noncommutative cosmology, where noncommutativity is introduced by a deformation on the minisuperspace variables. These ideas are explored in several examples, the main result is an effective cosmological constant in terms of the deformation parameters.

Session Classification: SHORT TALKS

Track Classification: SYMPOSIUM ON BLACK HOLES AND GRAVITATIONAL WAVES