

General Relativity and Quantum Cosmology

Multidimensional quantum cosmic models: New solutions and gravitational waves

Pedro F. Gonzalez-Diaz, Alberto Rozas-Fernandez (IFF, CSIC, Madrid, Spain)

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This paper contains a discussion on the quantum cosmic models, starting with the interpretation that all of the accelerating effects in the current universe are originated from the existence of a nonzero entropy of entanglement. In such a realm, we obtain new cosmic solutions for any arbitrary number of spatial dimensions, studying the stability of these solutions, so as the emergence of gravitational waves in the realm of the most general models.

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