

Astrophysics of multi-state fuzzy dark matter

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Going beyond the fuzzy dark matter model, we present the construction of multi-state configurations of the Gross-Pitaevskii-Poisson system that rules the dynamics of this matter, their stability, mechanism of formation and application in galactic astrophysics.

Primary author: GUZMÁN, Francisco S. (Universidad Michoacana de San Nicolás de Hidalgo)

Presenter: GUZMÁN, Francisco S. (Universidad Michoacana de San Nicolás de Hidalgo)

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