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Interacting fermion star in Kaluza–Klein World, FRG Approach to Nuclear Matter in Extreme Conditions

Thursday 28 April 2016 12:10 (50 minutes)

Recently we have explored the properties of an interacting fermionic compact star in a 1+4 dimensional Kaluza–Klein-like spacetime, where an extra microscopical spacelike dimension was introduced (See Sz. Karsai's talk). Here, we present whether we would be able to measure the effect of these extra dimensions by gravitational wave detectors.

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