

Shin'ichi Nojiri: Dynamical Domain Wall and Localization

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Based on arXiv:1202.5375, 1402.1346, and 1510.01099, we give a formulation realizing the dynamical domain wall, where the four dimensional FRW universe is realized on the domain wall in the five dimensional space-time. We also investigate the localization of the fields on the dynamical domain wall and we show that graviton, chiral spinor, and vector field can localize on the domain wall