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Topological Objects in Holographic QCD

Friday, 23 August 2019 12:00 (30 minutes)

We study various topological objects corresponding to baryons in holographic QCD [1,2,3]. The holographic QCD is constructed with D4 and D8-branes in the superstring theory, and is equivalent to 1+3 dimensional QCD in an infrared region. We investigate instantons and monopoles topologically appearing in holographic QCD in two-flavor case.

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