

The Regge meson spectrum from holographic Wilson confinement criterion

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Using the Wilson confinement criterion, a holographic model for finding a string-like spectrum of meson excitations is proposed. The model is applied to the vector and scalar mesons and a good agreement is obtained both with the existing experimental data and with some other known phenomenological approaches. The constructed model provides a novel realization of spontaneous chiral symmetry breaking between parity partners.

The speaker is a student or young scientist

Yes

Section

1. Intermediate and high energies, heavy ion collisions

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