

APCTP SEMINAR

Dynamical Mass Generation in 'tHooft Model

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July 6th (Wed.) 14:00

512, APCTP HQ

I will discuss the mass gap solutions, vacuum condensation and spontaneous symmetry breaking of the chiral symmetry in 'tHooft model. The mass spectra of mesons bearing the feature of the Regge trajectories are found and the Gell-Mann-Oakes-Renner relation for the pionic ground-state in the zero fermion mass limit is confirmed. The link between the QCD and the light-front quark model will be discussed in terms of interpolating the instant form dynamics and the light-front dynamics.

■ Contact information

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