

Solving Adjoint QCD₂ with Asymptotic Basis Functions

Monday, 12 July 2021 16:45 (15 minutes)

A method to construct the asymptotic eigenstates of two-dimensional adjoint QCD in all parton sectors is described. It is used to explain known properties of the spectrum of QCD_{2A}, as well as the basis of a numerical approach to tackle the full theory. First results in a discrete approximation and a continuous formulation are presented. Prospects to uncover the true single-particle content of the theory are discussed.

Are you are a member of the APS Division of Particles and Fields?

Yes

Primary author: TRITTMANN, Uwe (Otterbein University)

Presenter: TRITTMANN, Uwe (Otterbein University)

Session Classification: Field and String Theory

Track Classification: Field and String Theory