

Finite energy sum rules in hadron spectroscopy

Saturday, 4 June 2016 16:00 (1:30)

Collaboration

Joint Physics Analysis Center

Abstract content

We'll discuss the relation between Reggeons and resonances. Based on analyticity (dispersion relations), one can formalize this relation into a mathematical statement relating the resonance region to the high energy (Regge) region. One can then use these sum rules to constraints the extraction of resonances from the high energy data. We will illustrate this technique on various processes (Pi-N and K N scattering ; photoproduction of mesons).

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Session Classification : Poster Session