Type: Talk at plenary session

Reggeometry of lepton- and hadron-induced exclusive diffractive processes

Tuesday, 11 September 2012 19:10 (20 minutes)

Summary

A unified approach to exclusive diffractive lepton- and hadron- induced processes based on a unique pomeron containing two terms,

a "soft" and a "hard" one, is suggested. The relative weight of the two terms is controlled by relevant \tilde $Q^2=Q^2+M_V^2$ -dependent factors,

where Q^2 is the virtuality of the external photon (or proton, $Q_p^2=m_p^2$) and M is the mass of the produced vector meson.

The t dependence of the residue is controlled by the slopes (inverse radii) of the colliding particles, thus jus

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