

# The tensor pomeron and low x DIS

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The tensor-pomeron model is applied to low x deep-inelastic lepton-nucleon scattering (DIS). In addition to the soft tensor pomeron, which has proven quite successful for the description of soft hadronic high-energy reactions, we consider a hard tensor pomeron. The combination of these two pomeron exchanges and the  $f_2$  reggeon exchange allows a description of the absorption cross sections of real and virtual photons on the proton in the same framework. A detailed comparison of the model with the latest HERA data is made.

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