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## The hadron structure and the description of the elastic scattering in a wide region of $t$ and $s$

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The analysis of different sets of the PDFs is made in the framework of the model of  $t$ -dependence of the GPDs. On the basis of the new high energy general structure model, which takes into account the different moments of the GPDs of the hadron the quantitative descriptions of all existing experimental data from 9.8 GeV to 7 TeV, including the Coulomb range and large momentum transfers up to  $-t=15 \text{ GeV}^2$ , is obtained with only 3 free fitting high energy parameters. The real part of the hadronic amplitude is determined only through complex  $s$  satisfying the dispersion relations. The possible contributions of the hard Pomeron and maximal Odderon was examined.

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