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## D-meson production at the Tevatron and LHC in the Parton Reggeization Approach

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The hadroproduction of  $D^0$ ,  $D^{*+}$ ,  $D^{*0}$  and  $D_s$  mesons is calculated in the LO of Parton Reggeization Approach, using the KMR[1] set of unintegrated PDFs of the proton to take into account the factorisable effects of initial-state radiation, and the set of fragmentation functions [2].

The obtained accuracy of the description of the recent Tevatron ( $\sqrt{S}=1960$  GeV) and LHC ( $\sqrt{S}=1960$  GeV) data is comparable with the accuracy of the NLO Collinear Parton Model calculations of the Ref. [3].

This work continues the series of our studies of the production of jets [4] and heavy quarks [5,6,7] in the high energy hadron collisions, exploiting the kT-factorization and parton Reggeization hypothesis.

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