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## Description of polarization observables in dp elastic scattering at a GeV energies

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Deuteron-proton elastic scattering is considered in the multiple-scattering-expansion model. Four reaction mechanisms are included into consideration: one-nucleon exchange, single scattering, double scattering, and delta-isobar excitation in an intermediate state. The model calculates the reaction amplitude, which makes it possible to find the angular dependence of both the differential cross section and any polarization observables. In this report, we present deuteron and proton analyzing powers, as well as the proton polarization transfers in comparison with the data at the deuteron energy of 1.6 GeV.

**Primary author:** LADYGINA, Nadezhda (JINR)

**Presenter:** LADYGINA, Nadezhda (JINR)

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