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# INVESTIGATION OF THE INTERNAL STRUCTURE OF THE DEUTERON AGAINST THE BACKGROUND OF TWO-PHOTON EXCHANGE EFFECTS IN ELASTIC ELECTRON-DEUTERON SCATTERING

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This work aims to investigate the simultaneous influence of two-photon effects in quantum electrodynamics and logarithmic corrections in quantum chromodynamics on certain observable experimental quantities (structure functions  $A(Q^2)$  and  $B(Q^2)$  in elastic electron-deuteron scattering). Analyzing these effects broadens our understanding of electron scattering physics, particularly the manifestations of quark-gluon degrees of freedom in the deuteron.

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