

Abstract Submitted
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Electron Scattering from a Bound Nucleon on the Light-Front.¹

FRANK VERA, Florida Intl Univ, MISAK SARGSIAN, Florida International University — We calculate the cross section of the electron scattering from a bound nucleon within light-front approximation. The advantage of this approximation is the possibility of systematic account for the off-shell effects which become essential in high energy electro-nuclear processes aimed at probing the nuclear structure at small distances. The derived cross section is compared with the results of other approaches treating the off-shell effects in electron-nucleon scattering.

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