

COULOMB RESONANCES,
QUASIREAL PHOTONS, AND GIANT
DIPOLE RESONANCE PHENOMENON

A.A. Pasichnyi¹, O.A. Prygodiuk²

¹Institute for Nuclear Research,
Nat. Acad. of Sci. of Ukraine
(47, *Prosp. Nauky, Kyiv 03680, Ukraine;*
e-mail: apasichny@kinr.kiev.ua),

²Taras Shevchenko National University of Kyiv
(2, *Academician Glushkov Prosp., Kyiv 03022, Ukraine*)

S u m m a r y

Various aspects of the influence of Coulomb resonances and quasireal photons on the dynamics of nuclear electro-disintegration by high-energy electrons have been studied in the framework of the nuclear shell model. Some peculiarities of numerical methods used to study the inelastic scattering cross-sections of high-energy electrons are also considered.