

NONELASTIC ELECTRON SCATTERING  
IN MERCURY TELLURIDE

*O. P. Malyk*

National University "Lviv Polytechnic"  
(12, Bandera Str., Lviv 79013, Ukraine)

S u m m a r y

By exact solution of the Boltzmann equation, the nonequilibrium charge carrier distribution function is obtained. In the temperature range 4.2 – 300 K, main electron scattering mechanisms are considered by taking into account the nonelastic electron interaction with optical vibrations of the crystal lattice.