

STUDY OF THE INFLUENCE OF THE  
INTERACTION OF TWO SPHERICAL  
NANOCRYSTALS OF THE SYSTEM  $\beta$ -HgS/CdS  
ON THE ENERGY ELECTRON SPECTRUM

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S u m m a r y

The energy electron spectrum of the system  $\beta$ -HgS/CdS in two connected QW of the identical sizes is investigated. A change in the splitting of an electron energy level, depending on the radius of nanocrystals, and the genesis of the energy spectrum of two nanocrystals of different radii as a function of the distance between the interfaces are investigated.