

Physics 1214 - General Physics II

Quiz #29 - 2013.04.24

Solutions

1. What determines the electrical resistivity of a crystalline solid?

The amount of freedom the electrons have to move within the crystalline lattice is what determines the electrical resistivity of a crystalline solid.

2. What do we call the energy interval between the conduction and valence energy bands?

The energy gap is the energy interval between the conduction and valence energy bands.