

Theoretical Calculation of Refractive Indices of Ternary Chalcogenide Compounds

AgGaS₂, CdGa₂S₄, CdGa₂Se₄ crystals belong to the large class of triple chalcogenide compounds. These crystals are widely used in various nonlinear optical devices. Therefore calculation of optical properties of these compounds is important. In this work high frequency refractive indices are calculated by using Harrison's bond-orbital method.

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Track Classification: Physics of Semiconductors and Dielectrics, Semiconductor's Devices