

High-pressure effects on the optical-absorption edge of Cd In 2S₄, MgIn₂S₄, and Mn In 2S₄ thiospinels

Ruiz-Fuertes Javier¹, Errandonea Daniel J.H.¹, Manjon Francisco Javier², Martinez-Garcia D¹, Segura Alfredo¹, Ursachi Veaceslav³, Tiginyanu Ion³

¹ Departamento de Física Aplicada—ICMUV, Universitat de València,

² Universitat Politècnica de València,

³ Institute of Applied Physics, Academy of Sciences of Moldova

Journal of Applied Physics

Vol. 103, / 2008 / ISSN 0021-8979 / ISSNe 1089-7550

Disponibil online 10 April, 2018. Descarcări-0. Vizualizări-875

Nonlinear pressure dependence of the direct band gap in adamantane ordered-vacancy compounds

Manjon Francisco Javier¹, Gomis Oscar¹, Rodriguez-Hernandez Placida Rogelio², Perez-Gonzalez Eduardo², Munoz Alfonso Gonzalez², Errandonea Daniel J.H.³, Ruiz-Fuertes Javier⁴, Segura Alfredo⁴, Fuentes-Cabrera Miguel A.⁵, Tiginyanu Ion⁶, Ursachi Veaceslav⁶

¹ Universitat Politècnica de València,

² Universidad de La Laguna,

³ Universitat de València,

⁴ Departamento de Física Aplicada—ICMUV, Universitat de València,

⁵ Center for Nanophase Materials Sciences, Oak Ridge National Laboratory,

⁶ Institute of Applied Physics, Academy of Sciences of Moldova

Physical Review B - Condensed Matter and Materials Physics

Vol. 81, / 2010 / ISSN 1098-0121 / ISSNe 1550-235X

Disponibil online 5 April, 2018. Descarcări-0. Vizualizări-716

High-pressure optical and vibrational properties of CdGa 2Se 4: Order-disorder processes in adamantane compounds

Gomis Oscar¹, Vilaplana Rosario Isabel¹, Manjn F. J.¹, Perez-Gonzalez Eduardo², Lopez-Solano Javier², Rodriguez-Hernandez P.², Muoz Alfonso G.², Errandonea Daniel J.H.³, Ruiz-Fuertes Javier³, Segura Alfredo³, Santamara-Perez D.⁴, Tiginyanu Ion⁵, Ursachi Veaceslav⁵

¹ Universitat Politècnica de València,

² Universidad de La Laguna,

³ Necunoscută, Spania,

⁴ Universidad Complutense de Madrid,

⁵ Institute of Applied Physics, Academy of Sciences of Moldova

Journal of Applied Physics

Vol. 111, / 2012 / ISSN 0021-8979 / ISSNe 1089-7550

Disponibil online 27 March, 2018. Descarcări-0. Vizualizări-748

HgGa₂Se₄ under high pressure: An optical absorption study

Gomis Oscar¹, Vilaplana Rosario Isabel¹, Manjon Francisco Javier¹, Ruiz-Fuertes Javier^{1,2}, Perez-Gonzalez Eduardo³, Lopez-Solano Javier³, Bandiello Enrico², Errandonea Daniel J.H.², Segura Alfredo², Rodriguez-Hernandez Placida Rogelio³, Munoz Alfonso Gonzalez³, Ursachi Veaceslav⁴, Tiginyanu Ion⁴

¹ Universitat Politècnica de València,

² Universitat de València,

³ Universidad de La Laguna,

⁴ Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu" of the Academy of Sciences of Moldova

Physica Status Solidi (B) Basic Research

Vol. 252, / 2015 / ISSN 0370-1972

Disponibil online 19 December, 2017. Descarcări-0. Vizualizări-735

Optical absorption of defect chalcopyrite and defect stannite ZnGa₂Se₄ under high pressure

Gomis Oscar¹, Vilaplana Rosario Isabel¹, Perez-Gonzalez Eduardo², Ruiz-Fuertes Javier³, Rodriguez-Hernandez Placida Rogelio², Munoz Alfonso Gonzalez², Errandonea Daniel J.H.⁴, Segura Alfredo⁴, Santamaria-Perez David⁴, Alonso-Gutiérrez Pablo⁵, Sanjuán María Luisa⁵, Tiginyanu Ion⁶, Ursachi Veaceslav⁶, Manjon Francisco Javier¹

¹ Universitat Politècnica de València,

² Universidad de La Laguna,

³ University of Cantabria,

⁴ Departamento de Física Aplicada—ICMUV, Universitat de València,

⁵ Universidad de Zaragoza,

⁶ National Center for Materials Study and Testing, Technical University of Moldova

Journal of Alloys and Compounds

Vol. 939, / 2023 / ISSN 0925-8388

Disponibil online 31 January, 2023. Descarcări-0. Vizualizări-271



Copyright © 2011-2024 Instrumentul Bibliometric Național.

Institutul de Dezvoltare a Societății Informaționale.

Actualizat: 29.05.2024, accesat: 29.05.2024

Disponibil: <https://ibn.idsi.md>

