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Pressure-dependent thermopower of individual Bi nanowires

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Photoluminescence and resonant Raman scattering in highly conductive ZnO layers

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Confinement effects and surface-induced charge carriers in Bi quantum wires

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Hopping conductivity in p-CuGaSe2 films

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Journal of Applied Physics

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Variable-range hopping conductivity in thin film of the ladder compound [Ca1+δCu2O3]4

Lisunov Constantin¹, Raquet Bertrand², Rakoto Harison², Broto Jean-Mark², Arușanov Ernest^{1,2}, Xu Xiang Zhen^{3,4}, El Alami H.^{3,4}, Deville Cavellin Catherine^{3,4}

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Asymmetry of a complex gap near the Fermi level, determined from measurements of the thermopower in La1-xCaxMn1-yFeyO3

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Variable-range hopping conductivity in La_{1-x}CaxMn_{1-y}FeyO₃: Evidence of a complex gap in density of states near the fermi level

Laiho Reino¹, Lisunov Constantin²¹, Lahderanta Erkki¹³, Petrenko Piotr², Salminen J.¹, Shakhov Mihail¹⁴, Safonchik Mikhail¹⁴, Stamov Vladimir²¹, Shubnikov M.¹⁴, Zakhvalinskii Vasili²¹

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Electronic structure of FeCr₂S₄ and Fe_{0.5}Cu_{0.5}Cr₂S₄

Kurmaev Ernst¹, Postnicov Andrei¹², Palmer Helen M.³, Greaves Colin³, Bartkowski Stefan², Ţurcan Vladimir⁴, Demeter M.², Hartmann D.², Neumann Manfred², Zatsepin Dmitry¹, Galakhov Vadim¹, Shamin Sergei¹, Trofimova V.¹

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On the metal-insulator transition in n-type doped CuGaSe₂

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Superconducting transition temperature and isotope exponent in superconductors with low Fermi energies

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Low Temperature Physics

/ 2011 / ISSN 1063-777X

Disponibil online 25 August, 2023. Descarcări-0. Vizualizări-178

Effect of the energy bands nonparabolicity on the electrical conductivity in PbTe/Pb_{1-x}EuxTe quantum wells

Balandin Alexander A., Casian Anatolie, Sur Igor

Technical University of Moldova

Proceedings of the International Semiconductor Conference

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Longitudinal magnetoresistance in single crystal wires of pure and doped bismuth in wide range of diameters

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Physica Status Solidi (A) Applied Research

/ 2003 / ISSN 0031-8965 /ISSNe 1521-396X

Disponibil online 20 November, 2023. Descarcări-0. Vizualizări-104

On the Influence of Surface Phenomena Upon Charge Transport in Te-Based Glassy Semiconductors

Țiuleanu Dumitru, Ciobanu Mihai

Technical University of Moldova

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Disponibil online 10 August, 2018. Descarcări-2. Vizualizări-868

Multiphonon emission process on DX-like centers in indium doped Pb 0.75Sn0.25Te

Romcevic Nebojsa Z.¹, Hohlov Dumitru², Stojanovic Dusanka¹, Romcevic Maja J.³, Nicorici Andrei⁴

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Disponibil online 23 July, 2023. Descarcări-0. Vizualizări-224

Nanoscale electronic inhomogeneity in FeSe_{0.4}Te_{0.6} revealed through unsupervised machine learning

Wahl Peter¹, Singh Udai Raj², Țurcan Vladimir³⁴, Loidl Alois³

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Physical Review B

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Band parameters of FeSi single crystals determined by magnetic measurements

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Physical Review B - Condensed Matter and Materials Physics

/ 1997 / ISSN 1098-0121 /ISSNe 1550-235X

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Influence of the magnetic field on the conductivity within the Coulomb gap of n-ZnSe single crystals doped with Ag

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Disponibil online 5 September, 2023. Descarcări-0. Vizualizări-132

Inhomogeneous splitting of impurity-spin energy levels in mesoscopic wires

Fomin Vladimir^{1,2}, Gladilin Vladimir^{1,2}, Devreese Josef T.^{1,3}, van Haesendonck Christiaan V.⁴, Neuttiens G.⁴

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Solid State Communications

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Transport properties of CdSb single crystals

Roznovan Yu., Arușanov Ernest, Popov V.

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