

Afisarea articolelor 21-34(34) pentru cuvântul-cheie "optical absorption"

Light induced phenomena in amorphous As_{100-x}Se_x and As₄₀Se₆₀:Sn thin films

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Proceedings of SPIE - The International Society for Optical Engineering

Ediția 3, Vol.6635. 2007. Bellingham, Washington. [ISSN 0277-786X](#).

Disponibil online 24 January, 2024. Descarcări-0. Vizualizări-100

Silicon nitride multi nanolayer system fabricated in one reactor

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Telecommunications, Electronics and Informatics

Ed. 6. 2018. Chișinău, Republica Moldova. [ISBN 978-9975-45-540-4](#).

Disponibil online 28 May, 2018. Descarcări-1. Vizualizări-582

Absorption and photoluminescence of Ga_{0.017}Ge_{0.25}As_{0.083}S_{0.65} glasses doped with Pr³⁺, Sm³⁺ and Ho³⁺

Iovu Mihail, Lupan Elena, Ciornea Viorel

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New optical materials based on chalcogenide glasses

Iovu Mihail, Benea Vasile, Cojocaru Ion, Colomeico Eduard, Tăzlăvan Victor, Iovu Maria

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Disponibil online 12 March, 2024. Descarcări-0. Vizualizări-113

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Disponibil online 12 March, 2024. Descarcări-0. Vizualizări-115

New composite materials for optoelectronic applications

Iovu Mihail, Buzurniuc Svetlana, Verlan Victor, Culeac Ion

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Disponibil online 1 December, 2023. Descarcări-0. Vizualizări-151

Optical absorption and photoconductivity of As₂Se₃:Sn and Sb₂Se₃:Sn thin film structures

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Disponibil online 1 December, 2023. Descarcări-0. Vizualizări-165

Light Induced Modification of the Refractive Index of Sb₂Se₃:Sn Thin Films

Iovu Maria, Harea Diana, Iaseniuc Oxana, Colomeico Eduard, Meșalchin Alexei, Iovu Mihail

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Absorption and Emission Spectra of Ga_{0.017}Ge_{0.25}As_{0.083}S_{0.65} Glasses Doped with Dy³⁺

Lupan Elena, Ciornea Viorel, Iovu Mihail

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Disponibil online 11 July, 2023. Descarcări-0. Vizualizări-137

Spectroscopic studies of bulk As₂S₃ glasses and amorphous films doped with Dy, Sm and Mn

Iovu Mihail¹, Shutov Serghei¹, Andrieș Andrei¹, Kamitsos Efstratios I.², Varsamis Christos Platon E.², Seddon Angela B.³, Furniss David³, Popescu Mihai A.⁴

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Some optical properties of As₂S₃ and As₂Se₃ glasses doped with Dy, Sm and Mn

Andrieș Andrei¹, Iovu Mihail¹, Shutov Serghei¹, Seddon Angela B.², Furniss David², Popescu Mihai A.³

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Electrochemical Growth, Optical Absorption Spectra, and Luminescence Properties of Films of Cd_{1-x}Zn_xS (0 < x ≤ 0.042) Solid Solutions

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10(57) / 2021 / ISSN 0020-1685 /ISSNe 1608-3172

Disponibil online 7 November, 2021. Descarcări-0. Vizualizări-272

Electrochemical synthesis, cathodoluminescence, and optical absorption of CdS and Cd_{1-x}Zn_xS (0 < x ≤ 0.017) films

Senokosov Edward¹, Odin Ivan², Chukichev Mikhail², Isimov Viktor¹, Demidenko I.¹, Rezvanov R.³

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11(52) / 2016 / ISSN 0020-1685 /ISSNe 1608-3172

Disponibil online 22 November, 2017. Descarcări-0. Vizualizări-662

New multinary layered chalcogenides with octahedral and tetrahedral cation coordination

Moldovyan Nikolay, Pyshnaya N., Rădăuțanu Sergiu

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Disponibil online 24 January, 2024. Descarcări-0. Vizualizări-79

On the compositional dependence of refractive index in amorphous Ge xAs xSe 1-2x films

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Disponibil online 27 February, 2024. Descarcări-0. Vizualizări-102

The spontaneous emission probabilities for Ga-La-S:Pr³⁺ glass

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Modification of the optical constants in amorphous Sb₂Se 3:Sn thin films under the illumination and heat treatment

Harea Diana, Iovu Maria, Iaseniuc Oxana, Colomeico Eduard, Meșalchin Alexei, Iovu Mihail

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/ 2009 / ISSN 1454-4164

Disponibil online 26 February, 2024. Descarcări-0. Vizualizări-105

Luminescence properties of Eu³⁺/thenoyltrifluoroacetate composites

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Journal of Optoelectronics and Advanced Materials

/ 2008 / ISSN 1454-4164

Disponibil online 26 February, 2024. Descarcări-0. Vizualizări-72

Photoluminescence of composites based on Eu³⁺/TTFA and polymer SBMA

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Optical properties and photoinduced absorption in As-Se and As₂Se₃:Sn thin films

Iovu Mihail, Harea Diana, Cojocaru Ion, Colomeico Eduard, Prisacari A., Ciorbă Valeriu

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/ 2007 / ISSN 1454-4164

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Relaxation of photodarkening in a-As₂S₃ films doped with Pr³⁺, Dy³⁺ and Nd³⁺

Iovu Mihail, Cojocaru Ion, Colomeico Eduard

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/ 2007 / ISSN 1454-4164

Disponibil online 26 February, 2024. Descarcări-0. Vizualizări-96

Optical properties of As-Se amorphous composites

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/ 2006 / ISSN 1454-4164

Disponibil online 26 February, 2024. Descarcări-0. Vizualizări-63

Optical and photoelectrical properties of GaS and CdTe thin FILMS, components of GaS/CdTe heterojunctions

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New As₂S₃:Pr³⁺ - Polymer composite materials

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Carbon vibration modes in C₆₀ fullerenes

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optical hysteresis in free-standing porous silicon films

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Journal of Optoelectronics and Advanced Materials

/ 2001 / ISSN 1454-4164

Disponibil online 22 February, 2024. Descarcări-0. Vizualizări-81

Optical limiting in free-standing porous silicon films

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Journal of Optoelectronics and Advanced Materials

/ 1999 / ISSN 1454-4164

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Spectroscopic study of amorphous As₂Se₃:Sn x and (As₂S_{1.5}Se_{1.5}) 1-x:Snx thin films

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Disponibil online 29 November, 2023. Descarcări-0. Vizualizări-136

Characterization of Ge-Sb-Te phase-change memory materials

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Disponibil online 30 January, 2024. Descarcări-0. Vizualizări-100

Energy band structure and Frenkel excitons in PbGa 2S 4

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/ 2012 / ISSN 0030-4018

Disponibil online 16 November, 2023. Descarcări-0. Vizualizări-86

Optical properties of GexAsxSe1-2x glasses

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Modification of refractive index in amorphous As-Se films induced by composition and illumination

Iovu Mihail, Harea Diana, Colomeico Eduard, Iovu Maria, Ciorbă Valeriu

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Surface plasmon enhanced luminescence from Ag covered Anatase Titania Nanotubes

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