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Film heterostructures p(Pb_{1-x}Sn_xSe)– n(CdSe) for photodetectors of the far-infrared spectrum range

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– 02 - Registration № 1134 - Manuscript received: 27.09.2011.

Synthesis and characterization of Cd_{1-x}Co_xS thin films prepared by spray pyrolysis technique

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– 03 - Registration № 1160 - Manuscript received: 12.03.2012.

Two-dimensional analytical modelling for the potential distribution of short gate-length GaAs MESFETs

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A comparative analysis of the structural, vibrational and optical properties of ZnO and ZnCdO films

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– 05 - Registration № 1165 - Manuscript received: 02.04.2012.

High optical nonlinearity in wurtzite nitride symmetric quantum wells: Towards optical device

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06 - Registration № 1179 - Manuscript received: 15.06.2012.

The formation of multicomponent atomic systems during LED epitaxy in nanoreactors with the spatial and electronic restriction.

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EFFECT OF DIFFERENT TREATMENTS: MECHANICAL, THERMAL AND SOUND ON CONTACT PROPERTIES OF SILICON MADE ON THE BASIS OF AMORPHOUS METAL ALLOYS.

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Electronic structure of TiO₂ composite films with noble metal nanoparticles

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On specific properties of injection photodiodes based on M - n/Si - n/CdS - M heterostructures

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SILICON CARBIDE PHASE TRANSITIONS IN AS GROWN 3C-6H POLYTYPES JUNCTION.

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+ 11 - Registration № 1214 - Manuscript received: 26.02.2013.

Europium coordination compounds based on carbacylamidophosphate ligands for metal-organic light-emitting diodes (MOLEDs)

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Ellipsometric properties of thin films of molybdenum at the excitation of surface polaritons

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Structure effect and orientation distribution of azo dyes on optical anisotropy of dyed PVA-films

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LIGHT PASSAGE THROUGH THE POLYMER FILM OF LIQUID CRYSTAL DROPLETS WITH MODIFIED BOUNDARY CONDITIONS

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PERIODIC STRUCTURES WITH SPHERICAL ALUMINA PARTICLES: TRANSMISSION AND REFLECTION SPECTRA

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WHITE LED MODULES ENCAPSULATION FEATURES

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ON THE APPLICATION OF HEAT-CONDUCTIVE PLASTICS IN LED TECHNOLOGY

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QUASI ACTIVE THERMAL MANAGEMENT IN LED STREET LIGHT

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FEATURES OF THE DEVELOPMENT OF LED SPOTLIGHT FOR LOCAL ILLUMINATION OF EXTENDED OBJECTS

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FEATURES OF THE DEVELOPMENT OF LED SPOTLIGHT FOR LOCAL ILLUMINATION OF EXTENDED OBJECTS

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Deposition of low-temperature silicon dioxide films in high-density plasma

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Simulating of diffraction grating reflectivity using effective medium theory

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Role of dislocations in formation of ohmic contacts to heavily doped n-Si

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The influence of obtaining and heat treatment conditions on the structure of As₂S₃-SbSI system

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