

Received papers

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**1 - Registration № 662 - Manuscript received: 17.03.07.**

**Spectral photosensitivity  $m\text{-}n^0$ -n of structure on a basis epitaxy of layers**

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**2 - Registration № 697 - Manuscript received: 06-06-07.**

**Chemical composition and light emission properties of Si-rich-SiO<sub>x</sub> layers prepared by magnetron sputtering**

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**3 - Registration № 682 - Manuscript received: 09-07-07.**

**ESTIMATION OF THE FREQUENT DESCRIPTIONS OF PHOTODIODE, DETERMINED BY MOTION OF TRANSMITTERS OF CHARGE IN THE AREA OF THE VOLUME CHARGE FOR THE DURING SURFACE GENERATION OF TRANSMITTERS,**

*Danilyuk A.I., Dobrovolskiy Yu.G., SPF «Tensor» Ltd., Chernovtsi, Ukraine.*

**4 - Registration № 690 - Manuscript received: 15-06-07.**

**Надвисокочастотні властивості дрейфуючих електронів в умовах взаємодії з оптичними фононами**

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**5 - Registration № 691 - Manuscript received: 28-09-07.**

**The resolution function and effective response of piezoelectric thin films in PFM**

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**6 - Registration № 692- Manuscript received: 01-10-07.**

**Analysis of primary grown-in microdefects formation in silicon single crystals**

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**7 - Registration № 693- Manuscript received: 08-10-07.**

**Spin polarization in semimagnetic semiconductor two barrier spin filters**

*S. B. Lev, V. I. Sugakov, G. V. Vertsimakha, Institute for Nuclear Research, Prospect Nauki 47, 03680 Kyiv, Ukraine*

**8 - Registration № 694, Manuscript received: 16.10.07.**

**Monte Carlo simulation of hot electron effects in compensated GaN semiconductor at moderate electric fields**

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**9\_ Kaminski - Registration № 695- Manuscript received: 15-10-07**

**Dielectric characteristics of GaSe nanocrystals intercalated with hydrogen**

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**10\_ Dolgolenko - Registration № 696- Manuscript received: 19-10-07**

**DEPENDENCE OF THE DEFECT INTRODUCTION RATE ON IRRADIATION DOSE OF p-Si BY FAST-PILE NEUTRONS**

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**11 - Registration № 698 - Manuscript received: 17.10.07.**

**Research of photo-voltaic effect in two-base Ag-N<sup>0</sup>AlGaAs-n<sup>+</sup>GaAs-n<sup>0</sup>GaInAs-Au -structure with various thickness of base area**

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**12 - Registration № 699 - Manuscript received: 31.10.07**

**Self-purification effect in the CdTe:Gd crystals**

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**13 - Registration № 700 - Manuscript received: 31.10.07**

**Numerical study of electrical characteristics of conjugated polymers light-emitting diodes**

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**14\_\_ - Registration № 701 - Manuscript received:**

**15\_\_ - Registration № 702 - Manuscript received:**

**16\_\_ - Registration № 703 - Manuscript received:**

**17\_\_ - Registration № 704 - Manuscript received:**

**18\_\_ - Registration № 705 - Manuscript received:**