

## [Karapetyan S.](#)

Publicații la conferințe din RM - [2](#). Publicații peste hotare - [7](#).  
Publicații indexate în SCOPUS - [7](#). Teze/Rezumate în culegeri - [1](#).

### 2022 - 1

#### **Circuit Design of a Frequency Synthesizer Device for High-Speed Data Transmission Systems**

*Makarevich A., Garaga D., Sokovnich S., Kostyukevich Nina, Karapetyan S.*

T.G. Shevchenko State University of Pridnestrovie, Tiraspol

#### **Systems of Signals Generating and Processing in the Field of on Board Communications**

Nr. 4(92) / 2012 / ISSN 1857-2022

Disponibil online 19 May, 2022. Descarcări-0. Vizualizări-368

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### 2018 - 4

#### **Conductivity in size quantized systems: Consideration of the scattering of carriers on the surface in the case of the $\delta$ -shaped fluctuation of the surf**

*Karapetyan S.<sup>1</sup>, Kostyukevich Nina<sup>1</sup>, Sinyavskii Elerlanj<sup>2</sup>*

<sup>1</sup> T.G. Shevchenko State University of Pridnestrovie, Tiraspol,

<sup>2</sup> Institute of Applied Physics

#### **IEEE International Conference on Nanomaterials: Applications and Properties NAP 2018**

Nr. 1 / 2013 / ISSN 1857-0003 / ISSNe 2587-3202

Disponibil online 8 June, 2021. Descarcări-0. Vizualizări-327

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#### **Features of luminescence in nanotube in external electric and magnetic fields**

*Kostyukevich Nina, Karapetyan S., Sinyavskii Elerlanj*

T.G. Shevchenko State University of Pridnestrovie, Tiraspol

#### **IEEE International Conference on Nanomaterials: Applications and Properties NAP 2018**

Nr. 1 / 2013 / ISSN 1857-0003 / ISSNe 2587-3202

Disponibil online 1 July, 2021. Descarcări-0. Vizualizări-338

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#### **Influence magnetic field on Franz-Keldysh effect in nanowire**

*Sinyavskii Elerlanj<sup>1</sup>, Kostyukevich Nina<sup>2</sup>, Karapetyan S.<sup>2</sup>*

<sup>1</sup> Institute of Applied Physics,

<sup>2</sup> T.G. Shevchenko State University of Pridnestrovie, Tiraspol

#### **Materials Science and Condensed Matter Physics**

Nr. 4(64) / 2008 / ISSN 1810-9136

Disponibil online 8 February, 2019. Descarcări-3. Vizualizări-618

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#### **Теория рассеяния носителей на шероховатой поверхности в квантовых проволоках**

*Синявский Элерланж<sup>1</sup>, Карапетян С.<sup>2</sup>, Костюкевич Нина<sup>2</sup>*

<sup>1</sup> Институт прикладной физики АНМ,

<sup>2</sup> Приднестровский Государственный Университет им. Т.Г.Шевченко

#### **Telecommunications, Electronics and Informatics**

Nr. 4(8) / 2006 / ISSN 1857-0011

Disponibil online 30 May, 2018. Descarcări-2. Vizualizări-676

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## 2017 - 1

### **The influence of resonance IR laser radiation on magnetoabsorption in quantum wires**

*Sinyavskii Elerlanj<sup>1</sup>, Karapetyan S.<sup>2</sup>, Kostyukevich Nina<sup>2</sup>*

<sup>1</sup> Institute of Applied Physics, Academy of Sciences of Moldova,

<sup>2</sup> T.G. Shevchenko State University of Pridnestrovia, Tiraspol

#### **Physics of the Solid State**

Nr. 4(59) / 2017 / ISSN 1063-7834

Disponibil online 21 February, 2023. Descarcări-0. Vizualizări-174

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## 2014 - 1

### **Specific features of the charge carrier mobility in nanowires in transverse electric and magnetic fields**

*Sinyavskii Elerlanj<sup>1</sup>, Karapetyan S.<sup>2</sup>*

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#### **Semiconductors**

Vol. 48, / 2014 / ISSN 1063-7826

Disponibil online 25 October, 2023. Descarcări-0. Vizualizări-113

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## 2012 - 1

### **Effect of a transverse electric field on charge carrier mobility in nanowires**

*Sinyavskii Elerlanj<sup>1</sup>, Karapetyan S.<sup>2</sup>*

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#### **Semiconductors**

Vol. 46, / 2012 / ISSN 1063-7826

Disponibil online 25 October, 2023. Descarcări-0. Vizualizări-83

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## 2011 - 1

### **Studies of the mobility of charge carriers in low-dimensional systems in a transverse DC electric field**

*Sinyavskii Elerlanj<sup>1</sup>, Karapetyan S.<sup>2</sup>*

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#### **Semiconductors**

Vol. 45, / 2011 / ISSN 1063-7826

Disponibil online 25 October, 2023. Descarcări-0. Vizualizări-135

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**2009 - 1**

**Influence of Transversal Constant Electric Field on Mobility in Parabolic Quantum Well**

*Sinyavskii Elerlanj<sup>1</sup>, Karapetyan S.<sup>2</sup>*

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<sup>2</sup> T.G. Shevchenko State University of Pridnestrovie, Tiraspol

**Microelectronics and Computer Science**The 6th International Conference

Nr. 4(98) / 2016 / ISSN 1810-9136

Disponibil online 11 July, 2023. Descarcări-0. Vizualizări-130

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Actualizat: 24.06.2024, accesat: 24.06.2024

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

