

## **Popa Mihail**

3. Articole în reviste din RM

3.1. Articole în reviste științifice din RM (perioada în care au avut categorie de clasificare + 2 numere până la aprobarea statutului de publicație științifică)

3.1.3. Articole în reviste de cat. B - 8

**Teze/Rezumate în culegeri - 6.**

### **2023 - 3**

#### **Differential equations and algebras**

*Popa Mihail*<sup>12</sup>

<sup>1</sup> Vladimir Andrunachievici Institute of Mathematics and Computer Science,

<sup>2</sup> "Ion Creangă" State Pedagogical University from Chisinau

#### **Science and education: new approaches and perspectives. Selective collection of abstracts**

Nr. 10(100) / 2016 / ISSN 1811-2668 / ISSNe 2345-1009

Disponibil online 7 November, 2023. Descarcări-0. Vizualizări-147

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#### **Differential Equations and Algebras**

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<sup>1</sup> Vladimir Andrunachievici Institute of Mathematics and Computer Science,

<sup>2</sup> "Ion Creangă" State Pedagogical University from Chisinau

#### **Conference on Applied and Industrial Mathematics CAIM 2022**

Nr. 4(65) / 2017 / ISSN - / ISSNe 1582-5175

Disponibil online 21 March, 2024. Descarcări-1. Vizualizări-129

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#### **Stability conditions of unperturbed motion governed by critical three-dimensional differential system of darbox type with nonlinearities of degree four**

*Neagu Natalia*<sup>1</sup>, *Popa Mihail*<sup>12</sup>

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#### **Mathematics and Information Technologies: Research and Education**

Nr. 5-6(99) / 2017 / ISSN 0277-2248

Disponibil online 25 April, 2024. Descarcări-0. Vizualizări-63

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### **2022 - 1**

#### **Stability problems of the unperturbed motion governed by the ternary differential system of Lyapunov-Darbox type with nonlinearities of degree four**

*Neagu Natalia*<sup>1</sup>, *Popa Mihail*<sup>23</sup>

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<sup>2</sup> Tiraspol State University,

<sup>3</sup> Vladimir Andrunachievici Institute of Mathematics and Computer Science

#### **Conference on Applied and Industrial Mathematics CAIM 2022**

Nr. 5(11) / 2015 / ISSN 1857-4580

Disponibil online 19 December, 2022. Descarcări-2. Vizualizări-292

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## 2021 - 2

### **Four-dimensional reductive Lie algebra for the ternary differential system with quadratic nonlinearities and its perspectives in the study of this system**

*Popa Mihail<sup>1</sup>, Pricop Victor<sup>2</sup>*

<sup>1</sup> Vladimir Andrunachievici Institute of Mathematics and Computer Science,

<sup>2</sup> "Ion Creangă" State Pedagogical University from Chisinau

### **Actual Problems of Mathematics and Informatics**

Nr. 8/1(260) / 2013 / ISSN 1810-3081

Disponibil online 25 June, 2021. Descarcări-3. Vizualizări-369

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### **Stability conditions of unperturbed motion governed by critical three-dimensional differential system of Darboux type with cubic nonlinearities**

*Neagu Natalia<sup>1</sup>, Popa Mihail<sup>2,3</sup>*

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<sup>2</sup> Tiraspol State University,

<sup>3</sup> Vladimir Andrunachievici Institute of Mathematics and Computer Science

### **Mathematics and Information Technologies: Research and Education**

Nr. 8/3(260) / 2013 / ISSN 1810-3081

Disponibil online 30 June, 2021. Descarcări-1. Vizualizări-363

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## 2020 - 1

### **Comitants of Lie algebra of rotation groups for ternary system with quadratic nonlinearities**

*Popa Mihail<sup>1</sup>, Pricop Victor<sup>2</sup>*

<sup>1</sup> Vladimir Andrunachievici Institute of Mathematics and Computer Science,

<sup>2</sup> "Ion Creangă" State Pedagogical University from Chisinau

### **Învățământ superior: tradiții, valori, perspective Științe Exacte și ale Naturii și Didactica Științelor Exacte și ale Naturii**

Nr. 2 / 2011 / ISSN 1857-0046

Disponibil online 20 November, 2020. Descarcări-2. Vizualizări-565

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## 2017 - 2

### **Invariant conditions of stability of unperturbed motion for differential systems with quadratic nonlinearities in the critical case**

*Neagu Natalia<sup>1,2</sup>, Orlov Victor<sup>3</sup>, Popa Mihail<sup>4</sup>*

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### **Conference of Mathematical Society of the Republic of Moldova**

// ISSN -

Disponibil online 5 October, 2017. Descarcări-1. Vizualizări-1094

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**On periodic solutions of the four-dimensional differential system of Lyapunov-Darboux type with quadratic nonlinearities**

*Orlov Victor<sup>1,2</sup>, Popa Mihail<sup>2</sup>*

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**Conference of Mathematical Society of the Republic of Moldova**

// ISSN -

Disponibil online 5 October, 2017. Descarcări-2. Vizualizări-773

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**2016 - 1**

**Prolonged holding and cyclic loading indentation of aluminophosphate glass: kinetics of deformation**

*Răzlog (Belei) Ina<sup>1</sup>, Şikimaka Olga<sup>1</sup>, Grabco Daria<sup>1</sup>, Sava Bogdan Alexandru<sup>2</sup>, Boroica Lucica<sup>2</sup>, Elişa Mihail<sup>3</sup>, Pyrtsac Constantin<sup>1</sup>, Prisăcaru Andrian<sup>1</sup>, Popa Mihail<sup>1</sup>*

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

<sup>2</sup> National Institute for Laser, Plasma and Radiation Physics (INFLPR),

<sup>3</sup> National Institute for Optoelectronics INOE2000, Magurele

**Materials Science and Condensed Matter Physics**

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 30 July, 2019. Descarcări-2. Vizualizări-708

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**2015 - 1**

**Algebraic methods to the center-focus problem**

*Popa Mihail<sup>1</sup>, Pricop Victor<sup>2</sup>*

<sup>1</sup> Institute of Mathematics and Computer Science ASM,

<sup>2</sup> "Ion Creangă" State Pedagogical University from Chisinau

**Învăţământul superior din Republica Moldova la 85 de ani Probleme actuale ale ştiinţelor exacte şi ale naturii**

Nr. 5(317) / 2010 / ISSN 1875-0666

Disponibil online 24 July, 2019. Descarcări-0. Vizualizări-569

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**2014 - 2**

**First integrals with polynomials not higher than second order of the mathematical model of the intrinsic transmission dynamics of tuberculosis**

*Neagu Natalia<sup>1</sup>, Popa Mihail<sup>2</sup>, Orlov Victor<sup>2,3</sup>*

<sup>1</sup> "Ion Creangă" State Pedagogical University from Chisinau,

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**Conference of Mathematical Society of the Republic of Moldova**

// ISSN -

Disponibil online 9 October, 2017. Descarcări-3. Vizualizări-1270

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**The upper and lower bounds for number of conditions for center of the differential system  $s(1; 2; \dots; q)$**

*Popa Mihail<sup>1</sup>, Pricop Victor<sup>1,2</sup>*

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// ISSN -

Disponibil online 9 October, 2017. Descarcări-0. Vizualizări-938

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**2005 - 1**

**Methods of lie algebras and orbits in the study of differential systems concerned with the problems of energy safety of the Republic of Moldova**

*Popa Mihail<sup>1</sup>, Bycova Elena V.<sup>2</sup>, Staruș Elena<sup>1</sup>, Gherștega Natalia<sup>3</sup>*

<sup>1</sup> Institute of Mathematics and Computer Science ASM,

<sup>2</sup> Institute of Power Engineering of ASM,

<sup>3</sup> Tiraspol State University

**Energetica Moldovei. Aspecte regionale de dezvoltare**

Nr. VIII / 2007 / ISSN 1857-0631

Disponibil online 31 July, 2018. Descarcări-3. Vizualizări-828

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