

## **Vulpe Nicolae**

5. Publicații la manifestări din RM
  - 5.3. Publicații la alte manifestări din RM - 7
- Teze/Rezumate în culegeri - 5.**

### **2023 - 1**

#### **Characterization of the family of quadratic differential systems with an invariant parabola in terms of invariant polynomials**

*Schlomiuk Dana<sup>1</sup>, Vulpe Nicolae<sup>2</sup>*

<sup>1</sup> Université de Montréal,

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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-62

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### **2022 - 2**

#### **Geometrical classification of a family of cubic systems**

*Bujac Cristina<sup>1</sup>, Schlomiuk Dana<sup>2</sup>, Vulpe Nicolae<sup>1</sup>*

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

<sup>2</sup> Université de Montréal

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

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

Disponibil online 19 December, 2022. Descarcări-0. Vizualizări-277

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#### **On the family QSL3 of quadratic systems with invariant lines of total multiplicity exactly 3**

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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-0. Vizualizări-241

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### **2021 - 2**

#### **Abel quadratic differential systems of second kind**

*Artes Joan<sup>1</sup>, Schlomiuk Dana<sup>2</sup>, Vulpe Nicolae<sup>3</sup>*

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

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

Disponibil online 25 June, 2021. Descarcări-2. Vizualizări-380

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#### **One class of quadratic differential systems with two invariant lines**

*Bujac Cristina<sup>1</sup>, Schlomiuk Dana<sup>2</sup>, Vulpe Nicolae<sup>1</sup>*

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

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

Disponibil online 29 June, 2021. Descarcări-4. Vizualizări-463

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**2017 - 2**

**Classification of quadratic systems possessing an invariant conic and a Darboux invariant**

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

// ISSN -

Disponibil online 5 October, 2017. Descarcări-0. Vizualizări-854

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**Phase portraits of cubic differential systems with invariant straight lines of total multiplicity eight**

*Bujac Cristina, Vulpe Nicolae*

Institute of Mathematics and Computer Science ASM

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// ISSN -

Disponibil online 5 October, 2017. Descarcări-3. Vizualizări-785

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**2014 - 3**

**Bifurcation diagrams and quotient topological spaces under the action of the affine group on a subclass of quadratic vector fields**

*Diaconescu Oxana<sup>1</sup>, Schlomiuk Dana<sup>1</sup>, Vulpe Nicolae<sup>2</sup>*

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// ISSN -

Disponibil online 9 October, 2017. Descarcări-0. Vizualizări-742

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**Family of quadratic differential systems with invariant hyperbolas**

*Oliveira Regilene D. S.<sup>1</sup>, Rezende Alex Carlucci<sup>1</sup>, Vulpe Nicolae<sup>2</sup>*

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Disponibil online 9 October, 2017. Descarcări-5. Vizualizări-807

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**Global configurations of singularities for quadratic differential systems with total finite multiplicity three and at most two real singularities**

*Artes Joan<sup>1</sup>, Libre Jaume<sup>1</sup>, Schlomiuk Dana<sup>2</sup>, Vulpe Nicolae<sup>3</sup>*

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