

Curriculum Vitae

PERSONAL INFORMATION

Ciobanu (Andrei) Claudia-Elena

 Ploiești, Prahova, Romania

 -  0725506150

 claudia.ciobanu@upb.ro claudiaandrei1992@gmail.com

Date of birth 13/03/1992 | Nationality Romanian

WORK EXPERIENCE

2022-2024

Scientific researcher

Faculty of Mathematics and Computer Science, University of Bucharest – Bd. Mihail Kogălniceanu, nr. 36-46, sector 5, Bucharest, Romania - <https://fmi.unibuc.ro/>

Main activities: TE 85/2022 PN-III-P1-1.1-TE-2021-1633

2021-present

Teaching Assistant

Faculty of Applied Sciences, University Politehnica of Bucharest – Splaiul Independenței, nr. 313, sector 6, Bucharest Romania - <http://fsa.pub.ro/>

Main activities:

1. Seminar of Linear algebra, analytic and differential geometry.
2. Seminar of Differential equations, probability and statistics.

2017-2020

Teaching Assistant

Faculty of Mathematics and Computer Science, University of Bucharest – Bd. Mihail Kogălniceanu, nr. 36-46, sector 5, Bucharest, Romania - <https://fmi.unibuc.ro/>

Main activities: Seminar of Algebra.

EDUCATION AND TRAINING

2016-2019

Ph. D. in Mathematics

Thesis: *Contribution to the study of multigraded algebras associated with some combinatorial objects* – advisor: Prof. Dr. Viviana Ene

University of Bucharest / Faculty of Mathematics and Computer Science

2014-2016

M. Sc. in Mathematics

Thesis: *Koszul Algebras* – advisor: Conf. Dr. Marius Vlădoiu

University of Bucharest / Faculty of Mathematics and Computer Science

2011-2014

B. Sc. in Mathematics

Thesis: *Krull dimension of rings* – advisor: Lect. Dr. Alin Ștefan

Petroleum-Gas University of Ploiesti / Faculty of Letter and Science

PERSONAL SKILLS AND
COMPETENCES

Mother tongue Romanian

Other languages
(Self - assessment)

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B2

ADDITIONAL INFORMATION
AND REFERENCES

▪ Research stages

- July 2018** – University of Duisburg–Essen, Essen, Germany
C. Andrei-Ciobanu – “*Kruskal-Katona Theorem for t -spread strongly stable ideals*”, Bull. Math. Soc. Sci. Math. Roumanie **62** (110) no. 2 (2019), 107-122.
- November – December 2019** – Simion Stoilow Institute of Mathematics of the Romanian Academy
C. Andrei-Ciobanu – “*Nearly normally torsionfree ideals*”, Combinatorial Structures in Algebra and Geometry, NSA 2018, Springer Proceedings in Mathematics and Statistics **331** (2020), 1-13.

▪ Papers

- C. Andrei – “*Algebraic properties of the coordinate ring of a convex polyomino*”, Electron. J. Combin. **28**(1) (2021), P1.45.
- C. Andrei, V. Ene, B. Lajmiri – “*Powers of t -spread principal Borel ideals*”, Arch. Math. **112** (6) (2019), 587-597.
- C. Andrei-Ciobanu – “*Kruskal-Katona Theorem for t -spread strongly stable ideals*”, Bull. Math. Soc. Sci. Math. Roumanie **62** (110) no. 2 (2019), 107-122.
- C. Andrei-Ciobanu – “*Nearly normally torsionfree ideals*”, Combinatorial Structures in Algebra and Geometry, NSA 2018, Springer Proceedings in Mathematics and Statistics **331** (2020), 1-13.

▪ Talks

- September 2017** – *Gorenstein Convex polyominoes* - National School on Algebra, Bucharest, Romania.
<http://math.univ-ovidius.ro/sna/edition.aspx?cat=Speakers&itemID=12>
- December 2017** – *The coordinate ring of a convex polyomino* - Workshop on Commutative Algebra, Syzygies and Singularities, Nice, France.
<http://www-sop.inria.fr/members/Laurent.Buse/Syzygies17abstracts.pdf>
- March 2018** – *Properties of the coordinate ring of a convex polyomino* - Workshop Graduate students meeting on Applied Algebra and Combinatorics, Osnabrück, Germany.
<https://www.math-conf.uni-osnabrueck.de/wp-content/uploads/2018/04/Slides-Osnabrueck.pdf>
- May 2018** – *The regularity of the coordinate ring of a stack polyomino* - Workshop for young researchers in Mathematics, Bucharest, Romania.
<http://math.univ-ovidius.ro/Workshop/2018/WYRM/Doc/Abstracts-Algebra.pdf?v=180512>

5. **August 2018** – *The multiplicity of the coordinate ring of a stack polyomino* - National School on Algebra, Constanța, Romania.
<http://math.univ-ovidius.ro/sna/edition.aspx?cat=Speakers&itemID=11>
6. **May 2019** – *Powers of t -spread principal Borel ideals* - National School on Algebra, Bucharest, Romania
http://math.univ-ovidius.ro/sna/27/PDF/27_Abstracts.pdf
7. **June 2019** – *Kruskal-Katona Theorem for t -spread strongly stable ideals* - Workshop for young researchers in Mathematics, Bucharest, Romania.
<http://math.univ-ovidius.ro/workshop/2019/WYRM/#/Speakers>
8. **August 2019** – *Almost normally torsionfree ideals* - One day workshop on Commutative Algebra and related fields, Constanța, Romania.
<http://math.univ-ovidius.ro/Doc/Evenimente/20190831/abstract-one-day.pdf>
9. **September 2019** – *Contribution to the study of multigraded algebras associated with some combinatorial objects* – Ph. D. Thesis, Bucharest, Romania.

Date:

17.01.2023

Ciobanu Claudia-Elena

