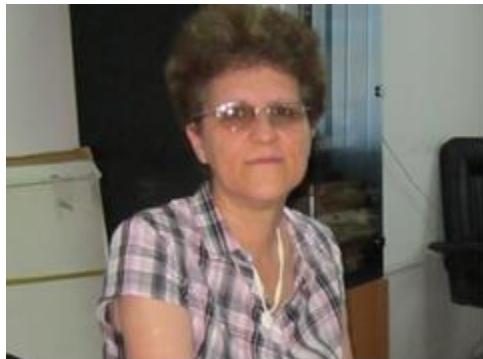


Curriculum Vitae

Viviana Ene



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Current employment: Professor at Faculty of Mathematics and Computer Science, Ovidius University, Constanta, Romania

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Previous Employment

Name of University	Location	Position	Period
Faculty of Mathematics and Computer Science, Ovidius University of Constanta	Constanta Romania	Professor	2009 -
Faculty of Mathematics and Computer Science, Ovidius University of Constanta	Constanta Romania	Associate professor	2002 - 2009
Faculty of Mathematics and Computer Science, Ovidius University of Constanta	Constanta Romania	Lecturer	1994 -2002
Faculty of Mathematics and Computer Science, Ovidius University of Constanta	Constanta Romania	Assistant professor	1992 - 1994
High School, Constanta	Constanta Romania	Teacher of mathematics	1983-1992

Higher Education

Name of University	Location	Degree	Field	Completion Date(Month/Year)
University of Bucharest	Bucharest, Romania	Doctor in Mathematics	Mathematics/Algebra	May/1998
University of Bucharest	Bucharest, Romania	Diploma in Mathematics	Mathematics	June/1983

Title of the PhD thesis: ***Indecomposable modules over local rings***

PhD adviser: Prof. dr. Dorin Popescu, Bucharest University

Research interests: Combinatorial Commutative Algebra (monomial and binomial ideals, toric algebras and combinatorics of affine semigroups, Cohen-Macaulay posets, graphs, and simplicial complexes), homological methods in Commutative Algebra (free resolutions, Betti numbers, regularity, Cohen-Macaulay modules), Groebner basis theory and applications.

Grants:

- Member of the research team of the grant UEFISCDI, PN-II-ID-PCE- 2011-3-1023.
- JSPS Invitation Fellowship for Research in Japan, February -March 2012, at Osaka University, Japan

- Research fellowship granted by DAAD at Oldenburg University, Germany, May-June 2000
- Coordinator of the Ovidius University team in the project CEx05-D11-11/04.10.2005 Combinatorial, algebraic, and topological methods in algebra and geometry, September 2005-October 2008 sponsored by the National Council for Scientific Research in Romania.

List of publications

Books:

V. Ene, J. Herzog, *Groebner bases in Commutative Algebra*, Graduate Studies in Mathematics 130, American Mathematical Society, Providence, RI, 2012, 164 pp.

V. Ene, *Baze Groebner si aplicatii*, Ovidius University Press, 2009,, 90pp.

V. Ene, *Capitole de algebra asistata de calculator*, Ex Ponto, Constanta, 2002, 104 pp.

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Coeditor:

V. Ene, E. Miller, *Combinatorial Commutative Algebra and Computer Algebra*, Proceedings of an Exploratory Workshop on Combinatorial Commutative Algebra and Computer Algebra held in Mangalia, Romania, May 29-31, 2008. Contemporary Mathematics, vol. 502, American Mathematical Society, Providence, RI, 2009. vii+184pp.

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- V. Ene, A. Zarajanu, *On the regularity of binomial edge ideals*, Math. Nachr. 288 (1) (2015), 19-24.
- V. Ene, J. Herzog, T. Hibi, A. A. Qureshi, *The binomial edge ideal of a pair of graphs*, Nagoya Math. J. 213 (2014), 105-125.
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- V. Ene, T. Hibi, *The join-meet ideal of a finite lattice*, J. Commut. Algebra 5(2) (2013), 209-230.
- V. Ene, A. A. Qureshi, *Ideals generated by diagonal 2-minors*, Comm. Algebra 41(8) (2013), 3058-3066.
- V. Ene, R. Okazaki, *On the radical of multigraded modules*, J. Algebra 388 (2013), 10-21.
- V. Ene, J. Herzog, T. Hibi, F. Mohammadi, *Determinantal facet ideals*, Michigan Math. J. 62 (2013), 39 – 57.
- A. Aslam, V. Ene, *Simplicial complexes with rigid depth*, Arch. Math. 99 (4) (2012), 315-325.
- V. Ene, A. Olteanu, *Powers of lexsegment ideals with linear resolutions*, Illinois J. Math., 56(2) (2012), 533-549.
- V. Ene, J. Herzog, F. Mohammadi, *Monomial ideals and toric rings of Hibi type arising from a finite poset*, European J. Combin. 32 (2011), no. 3, 404–421.
- V. Ene, J. Herzog, T. Hibi, *Cohen-Macaulay binomial edge ideals*, Nagoya Math. J. 204, (2011), 57-68.
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