

“Al. I. Cuza” University of Iași
Faculty of Mathematics

Curriculum Vitae

I. Personal data :

Name : Marius Tărnăuceanu
Born : October 22, 1974, Bârlad
Citizenship : Romanian
Social status : single
Address : Faculty of Mathematics
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II. Education and training :

- I graduated from "Gh. R. Codreanu" College of Bârlad (1994)
- B. Sc. in Mathematics, "Al. I. Cuza" University of Iași (1999)
- M. Sc. in Mathematics, "Al. I. Cuza" University of Iași (2001)
- Ph. D. in Mathematics (Algebra), "Ovidius" University of Constanța (2003)
 - title of Ph. D. thesis : *Actions of finite groups on lattices*
 - scientific advisor : prof. dr. M. Ștefănescu
 - scientific referees :
 - acad. prof. dr. C. Năstăsescu
 - c.p. I dr. Ș. Basarab
 - prof. dr. I. Tofan
- Postdoctoral program in Mathematics, "Al. I. Cuza" University of Iași (2005-2007)
 - project director : prof. dr. E. Popa

III. Known foreign languages :

- English
- French

IV. Position : Associate Professor, Faculty of Mathematics, "Al. I. Cuza" University of Iași

V. Professional experience :

- Research Assistant (February 2001 – September 2003), Department of Algebra, Faculty of Mathematics, "Al. I. Cuza" University of Iași
- Assistant Professor (October 2003 – September 2007), Department of Algebra / Department of Fundamental Mathematics, Faculty of Mathematics, "Al. I. Cuza" University of Iași
- Lecturer (October 2007 – September 2013), Faculty of Mathematics, "Al. I. Cuza" University of Iași

- Associate Professor (October 2013 – present), Faculty of Mathematics, "Al. I. Cuza" University of Iași

I thought the following courses :

- Linear algebra (Faculty of Mathematics)
 - Arithmetics and combinatorics (Faculty of Mathematics)
 - Fundamental algebraic structures (Faculty of Mathematics)
 - Arithmetics in rings and module theory (Faculty of Mathematics)
 - Group theory and applications (OC, Faculty of Mathematics)
 - Graph theory (Faculty of Mathematics)
 - Special complements of algebra (Faculty of Mathematics)
- and seminars / laboratories at the following courses :
- Logic and set theory (Faculty of Mathematics)
 - Linear algebra (Faculty of Mathematics)
 - Arithmetics and combinatorics (Faculty of Mathematics)
 - Algebra I / Fundamental algebraic structures (Faculty of Mathematics)
 - Algebra II / Divisibility theory and algebraic equations (Faculty of Mathematics)
 - Algebra III / Module theory (Faculty of Mathematics)
 - Formal languages (Faculty of Mathematics)
 - Complements of mathematics (Faculty of Mathematics)
 - Complements of algebra (Faculty of Mathematics)
 - Group theory and applications (OS, Faculty of Mathematics)
 - Arithmetics and number theory (OS, Faculty of Mathematics)
 - Graph theory (Faculty of Mathematics)
 - Special complements of algebra (Faculty of Mathematics)
 - Algebra (Faculty and College of Computer Sciences)
 - Mathematics (Faculty of Chemistry)
 - Mathematics for foreign students (Faculty of Letters)
 - Introduction to informatics (Faculty of Sport)

I also thought some courses and seminars / laboratories for the teacher improvement.

VI. Other professional activities :

- Reviewer for :
 - Mathematical Reviews (94 reviews since 2004)
 - Zentralblatt Math (172 reviews since 2004)
- Occasional referee for :
 - Algebra Colloquium
 - Applicable Analysis and Discrete Mathematics
 - Arabian Journal of Mathematics
 - Ars Combinatoria
 - Bulletin of the Iranian Mathematical Society
 - Computers & Mathematics with Applications
 - Discrete Mathematics
 - European Journal of Combinatorics
 - Fuzzy Sets and Systems
 - Glasgow Mathematical Journal
 - Indian Journal of Mathematics
 - Information Sciences
 - International Journal of Open Problems in Computer Science and Mathematics
 - Iranian Journal of Fuzzy Systems

- Italian Journal of Pure and Applied Mathematics
 - Journal of Algebraic Combinatorics
 - Journal of Inequalities and Applications
 - Journal of Intelligent and Fuzzy Systems
 - Journal of Number Theory
 - Mathematica (Cluj)
 - Mathematical Reports
 - Publicationes Mathematicae Debrecen
 - Scientific Annals of the "Al. I. Cuza" University of Iași
 - Scientific Annals of the West University of Timișoara
 - Tamkang Journal of Mathematics
 - Turkish Journal of Mathematics
- Member of AMS
- Member of SAGTA (*Algebraic, geometric, topologic structures and applications*), recognized as a research center by CNEAA
- Member of the "Al. Myller" Mathematical Seminary Foundation of Iași
- Member of the research teams of the following grants :
 - *Remarkable classes of generalized algebraic structures* (CNCSIS (A) / 2001, code 971, project director: prof. dr. I. Tofan)
 - *Postdoctoral studies on the axiomatic potential theory and connections with: stochastic processes, semi-dynamical systems, noncommutative harmonic analysis, partial differential equations* (CEEX / 2005, code 17, project director: prof. dr. E. Popa)
 - *Weak topologies and order topologies on measure spaces with applications in nonconvex problems* (CNCSIS (A) / 2006, code 1152, project director: prof. dr. E. Popa)
 - *Some new aspects on quaternionic structures associated to differentiable manifolds and their submanifolds. Applications* (CEEX / 2006, code 68, project director: lect. dr. M. Munteanu)
 - *Applications of groups in the study of some remarkable geometrical structures on differentiable manifolds. Representation and geometrical modelling* (CNCSIS (AT) / 2006, code 190, project director: lect. dr. M. Munteanu)
 - *Hypergroups and abelian groups. Applications* (GAR / 2007, code 88, project director: conf. dr. V. Fotea)
- Editor (together with prof. dr. I. Tofan and conf. dr. M. Gontineac) of the volume *Advances in Abstract Algebra*, Ed. Al. Myller, Iași, 2007, ISBN 973-86987-8-2
- Editor for Scientific Annals of the "Al. I. Cuza" University of Iași, series Mathematics
- Member of the organizing committee of the "Gaudeamus" contest, Faculty of Mathematics, "Al. I. Cuza" University of Iași
- Scientific advisor of many B. Sc. and M. Sc. theses
- Scientific advisor of several students (see the joint papers with them in the list of papers)

- Organizer of a scientific seminar, entitled *Group theory and applications*, in the Faculty of Mathematics, "Al. I. Cuza" University of Iași
- I have participated to several scientific seminars in the Faculty of Mathematics, "Al. I. Cuza" University of Iași
- I have participated to 25 national and international conferences
- Member of several contest committees in the Faculty of Mathematics, "Al. I. Cuza" University of Iași
- Member of the organizing committee of several pre-university mathematical contests

VII. Research interests :

- Group theory
- Lattice theory

VIII. Hobbies :

- Reading
- Writing poems
- Listening music
- Getting trips to the mountains

Other results in mathematics :

- "Gh. Vrânceanu" contest :
 - 1st prize in 1989, 1990
 - 2nd prize in 1991
- County Mathematical Olympiad :
 - 1st prize from 1987 to 1994
- National Mathematical Olympiad :
 - 2nd prize in 1990
 - 3rd prize in 1988, 1994
 - mention in 1993
 - special prize for originality in 1988, 1990, 1993, 1994
 - selected in the extended team for the International Mathematical Olympiad in 1993, 1994
- "Traian Lalescu" contest :
 - 3rd prize in 1995
- Student scientific session :
 - 2nd prize in 2000
 - mention in 1997

Assoc. Prof. Dr. Marius Tărnăuceanu