

Clement Radu Popescu

CS III IMAR

Contact

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Research Interests

Braids, links and 3-manifolds; configuration spaces; arrangements of hyperplanes; mapping class groups and its subgroups; combinatorial group theory.

Degrees

- May 2001 PhD. Columbia University, thesis: *Topics in low dimensional topology*, PhD. advisor *Joan S. Birman*
 - June 1991 Specialization degree University of Bucharest, disertation: *Total curvature of curves and surfaces*, advisor *Prof. Mircea Martin*
 - June 1990 MS University of Bucharest;
 - June 1985 BA College Mihai Viteazul, Ploiești
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Professional history

- 2017 – present; Scientific Reseacher III, Institute of Mathematics of the Romanian Academy, Bucharest
 - 2003 – 2017; Scientific Researcher, Institute of Mathematics of the Romanian Academy, Bucharest
 - 2001 – 2003: Temporary Assistant Professor, University of Minnesota, Minneapolis
 - 1991 – 2003: Junior Researcher, Institute of Mathematics of the Romanian Academy, Bucharest
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Recent Publications

- Măcinic Daniela Anca, Papadima Ștefan, Popescu Clement Radu, Suciu I. Alexander, *Flat connections and resonance varieties: From rank one to higher ranks*, Trans. Amer. Math. Soc. **369**, no. 2, (2017), 1309-1343
- Măcinic Daniela Anca, Papadima Ștefan, Popescu Clement Radu, *Modular equalities for complex reflection arrangements*, Documenta Math. **22** (2017), 135–150

- Berceanu Barbu, Măcinic Daniela Anca, Papadima Ștefan, Popescu Clement Radu, *On the geometry and topology of partial configuration spaces of Riemann surfaces*, Alg.& Geom. Topology **17** (2017), 1163-1188
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Talks at International Conferences and Seminars

- *Workshop for Young Researchers in Mathematics*: Bucharest, 17 - 20 Mai, 2017
 - *Workshop for Young Researchers in Mathematics*: Constanța, 19 - 22 Mai, 2016
 - *The Eighth Congress of Romanian Mathematicians*: Iași, 26 Iunie - 1 Iulie, 2015
 - *Workshop for Young Researchers in Mathematics*: Constanța, 21 - 24 Mai, 2015
 - *Workshop for Young Researchers in Mathematics*: Constanța, 9 - 10 Mai, 2013
 - Invited lecturer at *Spring School*: Pisek, Czech Republic, 2013
 - U.S.A.: Columbia University, New York; University of Minnesota, Minneapolis.
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Reviewer

Mathematical Reviews

Teaching

Differential Topology, Master level, University of Bucharest, fall 2018
Algebra seminar, University of Bucharest, 2017 – 2019,
Calculus on Manifolds, UPG Ploiești, 2016 - 2017,
Introduction to Graph Theory, UPG Ploiești, 2007 - 2017,
Combinatorics, UPG Ploiești, 2007 - 2017,
Complex Analysis, UPG Ploiesti, 2003 - 2017,
Introduction to Graph Theory, University of Minnesota, 2002 - 2003,
College Algebra, University of Minnesota, 2001 - 2003,
Introduction to Modern Analysis, Columbia University, summer session 2001,
Linear Algebra, Columbia University, summer session 1998, 2000,
Mathematica lab, Columbia University 1996 -2000.
Geometry seminar, University of Bucharest, 1990-1991.

Minicourses and Lectures:

Algebraic Invariants in Low Dimensional Topology, Inveted lecturer, Spring School, Pisek, Czech Republic 2013;

Languages

Romanian: native
English: fluent
German: advanced
French: beginner