CURRICULUM VITAE of M. SKOPENKOV

CONTACT e-mail: skopenkov@rambler.ru WWW: m-skopenkov.ru

PERSONAL Born 26.03.1983, Saratov, USSR Citizenship: Russia

INTERESTS Geometric topology, algebraic topology, combinatorial geometry

EDUCATION
2008.12.26, *Ph.D. in physics and mathematics*, Moscow State University
Thesis: "Classification of links and its applications"
2005–2008, *PhD-student*, Moscow State University
2005–2008, *PhD-student*, Independent University of Moscow
2000–2005, *M.Sc. and B.Sc. in mathematics*, Moscow State University (GPA: 5.0/5.0)
1999–2000, *student*, Kolmogorov College

EMPLOYMENT
2008– , Institute for information transmission problems of the Russian Academy of Sciences, *senior staff scientist*
2008– , Moscow Institute of Open Education, *junior research assistant*
2003–2004, Moscow State School 57, *teacher in mathematics*

AWARDS
2008, Winner of the contest of Euler foundation
2007–2008, INTAS Fellowship
2007, Winner of Moebius contest
2004, Winner of Moebius contest
2004, Medal of the Russian Academy of Sciences for university students
2001, First prize in Goldman Sachs International contest for university students

PUBLICATIONS

Main Publications:

1. M. Skopenkov, Suspension theorems for links and link maps, Proc. AMS 137:1 (2009), 359–369;
2. M. Skopenkov, Embedding products of graphs into Euclidean spaces,Fund. Math. 179 (2003), 191–197;
3. D. Repovš, M. Skopenkov and F. Spaggiary, On the Pontryagin–Steenrod–Wu theorem,Israel J. Math. 145 (2005), 341–347;
4. M. Skopenkov, On approximability by embeddings of cycles in the plane,Topol. Appl. 134:1 (2003), 1–22;

Other research publications:

5. M. Cencelj, D. Repovš and M. Skopenkov, A short proof of the twelve points theorem, Mat. Zametki 77:1 (2005), 117-120 (in Russian). English transl.: Math. Notes 77:1(2005), 108–111;
6. M. Cencelj, D. Repovš and M. Skopenkov, Classification of framed links in 3-manifolds, Proc. Indian Acad. Sci. (Math. Sci.) 117:3 (2007), 301–306;
7. M. Cencelj, D. Repovš and M. Skopenkov, Homotopy type of the complement to an immersion and the classification of embeddings of tori, Uspekhi Mat. Nauk 62:5 (2007), 165–166 (in Russian). English transl.: Russ. Math. Surveys 62:5 (2007), 985–987;

Pedagogical papers and books:

8. V. Prasolov and M. Skopenkov, Ramsey theory of knots and links, Mat. Prosv. 3rd ser. 9(2005), 108–115 (in Russian).
9. M. Skopenkov, Theorem on altitudes and the Jacobi identity, Mat. Prosv. 3rd ser. 11(2007), 79–89 (in Russian).
10. Mathematics in problems. Materials of schools for Moscow team to Russian Mathematical Olympiad. Ed. by D. Permyakov, A. Shapovalov, A. Skopenkov, M. Skopenkov and A. Zaslavskiy. Moscow Center for Continuous Mathematical Education, 2009, 488 p. (in Russian); ISBN.
11. A. Shapovalov and M. Skopenkov, Inscribed links. In: Summer conferences of the International mathematical Tournament of towns. Selected materials. Issue 1. Ed. by B. Frenkin. Moscow Center for Continuous Mathematical Education, 2009, 223–250 (in Russian); ISBN.

Teaching

In English:

2009, spring, Independent University of Moscow, *assistant teacher*, "Topology II".
2009, spring, Independent University of Moscow, *assistant teacher*, "Topology I".
2008, autumn, Independent University of Moscow, *assistant teacher*, "Geometries".
2008, spring, Independent University of Moscow, *assistant teacher*, "Topology I".
2007, autumn, Independent University of Moscow, *tutor*, "Math in Moscow".

In Russian:

2009, spring, Independent University of Moscow, *assistant teacher*, "Topology".
2008, autumn, Independent University of Moscow, *assistant teacher*, "Geometry".
2006, autumn, Independent University of Moscow, *assistant teacher*, "Intro to geometry and topology".
2005, autumn, Independent University of Moscow, *assistant teacher*, "Topology II".

Organization

2007– , Moscow Institute of Open Education, *coordinator* of an internet-based school for mathematical olympiads winners http://math.olymp.mioo.ru.

Visits

(1 month or more)
2008, Germany, Ruhr University Bochum
2007, Germany, Ruhr University Bochum
2006, France, Ecole Normale Superieure (Paris)
2004, Germany, Ruhr University Bochum
2004, Slovenia, University of Ljubljana

Conference talks

2009, "Surfaces, meshes, geometric structures", Admont, Austria.
2008, "Differential equations and topology"
dedicated to the Centennial Anniversary of L.S. Pontryagin, Moscow.
2008, Summer school "Contemporary mathematics", Dubna (Russia)
2007, One-day conference in honor of Alexey Sossinsky, Moscow.
2007, "The algebra and geometry around knots and braids", Sankt-Petersburg.
2007, "Algebraic topology: old and new.
M.M. Postnikov memorial conference", Bedlewo (Poland).
2007, "Operator algebras and topology", Moscow.
2006, "International Conference on Global Differential Geometry", Muenster.
2005, "Manifolds and their Mappings", 5th International topology symposium, Siegen.
2005, "Topology, analysis and applications in mathematical physics",
Dedicated to the memory of Yu.P.Solovyov, Moscow.
2005, "International Conference and Workshops on Geometric Topology honoring Karol Borsuk's life and work on the 100th anniversary of his birth", Bedlewo (Poland).
2004, "Geometric topology, discrete geometry and set theory",
in honor of centennial of L.V. Keldysh, Moscow.
2004, Summer school "Contemporary mathematics", Dubna (Russia)
2003, "Knots in Poland 2003: The mini-semester on Knot Theory and its Ramifications", Warsaw.