

PUBLICATIONS of MIKHAIL SKOPENKOV

Main Publications:

1. M. Prasolov, M. Skopenkov, [Tiling by rectangles and alternating current](#), J. Combin. Theory A 118:3 (2011), 920–937;
2. M. Skopenkov, H. Pottmann, Ph. Grohs, [Ruled Laguerre minimal surfaces](#), Math. Z., to appear;
3. M. Skopenkov, [Suspension theorems for links and link maps](#), Proc. AMS 137:1 (2009), 359–369;

Other research publications:

4. M. Skopenkov, [Embedding products of graphs into Euclidean spaces](#), Fund. Math. 179 (2003), 191–197;
5. D. Crowley, S. Ferry, M. Skopenkov, [The rational classification of links in codimension \$> 2\$](#) , Forum Math., to appear;
6. D. Repovš, M. Skopenkov, F. Spaggiari, [On the Pontryagin–Steenrod–Wu theorem](#), Israel J.Math. 145 (2005), 341–347;
7. M. Cencelj, D. Repovš, M. Skopenkov, [Classification of knotted tori in the 2-metastable dimension](#), Sbornik Math., to appear;
8. M. Skopenkov, [On approximability by embeddings of cycles in the plane](#), Topol. Appl. 134:1 (2003), 1–22;
9. M. Cencelj, D. Repovš, M. Skopenkov, [A short proof of the twelve points theorem](#), Math. Notes 77:1 (2005), 108–111;
10. M. Cencelj, D. Repovš, M. Skopenkov, [Classification of framed links in 3-manifolds](#), Proc. Indian Acad. Sci. (Math. Sci.) 117:3 (2007), 301–306;
11. M. Cencelj, D. Repovš, M. Skopenkov, [Homotopy type of the complement to an immersion and the classification of embeddings of tori](#), Russ. Math. Surveys 62:5 (2007), 985–987;

Expository papers and books:

12. M. Skopenkov, [Packing a cake into a box](#), Amer. Math. Monthly 118:5 (2011), 424–433;
13. S. Dorichenko, M. Prasolov, M. Skopenkov, [Dissections of a metal rectangle](#), Kvant (2011), to appear (in Russian);
14. V. Prasolov, M. Skopenkov, [Ramsey theory of knots and links](#), Mat. Prosv. 3rd ser. 9 (2005), 108–115 (in Russian);
15. M. Skopenkov, [Theorem on altitudes and the Jacobi identity](#), Mat. Prosv. 3rd ser. 11 (2007), 79–89 (in Russian);
16. [Mathematics in problems. Materials of schools for Moscow team to Russian Mathematical Olympiad](#). Ed. by D. Permyakov, A. Shapovalov, A. Skopenkov, M. Skopenkov, A. Zaslavskiy. Moscow Center for Continuous Mathematical Education, 2009, 488 p. (in Russian); ISBN;
17. 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;

Preprints:

18. M. Skopenkov, [When the set of embeddings is finite?](#), submitted;
19. H. Pottmann, L. Shi, M. Skopenkov, [Darboux cyclides and webs from circles](#), submitted;
20. F. Nilov, M. Skopenkov, [A surface containing a line and a circle through each point is a quadric](#), submitted;
21. M. Skopenkov, V. Smykalov, A. Ustinov, [Random walks and electric networks](#), in preparation;
22. M. Skopenkov, [Boundary value problem for discrete analytic functions](#), in preparation.