

A list of publications by A. B. Skopenkov (excluding abstracts).

1. Main research papers.

- [Sk95] A. Skopenkov, *A description of continua basically embeddable in \mathbb{R}^2* , *Topol. Appl.* **65** (1995), 29–48.
- [RSS96] D. Repovš, A. B. Skopenkov and E. V. Ščepin, *C^1 -homogeneous compacta in \mathbb{R}^n are C^1 -submanifolds of \mathbb{R}^n* , *Proc. Amer. Math. Soc.* **124:4** (1996), 1219–1226.
- [Sk97] A. B. Skopenkov, *On the deleted product criterion for embeddability of manifolds in \mathbb{R}^m* , *Comment. Math. Helv.* **72** (1997), 543–555.
- [Sk98] A. B. Skopenkov, *On the deleted product criterion for embeddability in \mathbb{R}^m* , *Proc. Amer. Math. Soc.* **126:8** (1998), 2467–2476.
- [RS98] D. Repovš and A. B. Skopenkov, *A deleted product criterion for approximability of a map by embeddings*, *Topol. Appl.* **87** (1998), 1–19.
- [SSS] J. Segal, A. Skopenkov and S. Spieß, *Embeddings of polyhedra in \mathbb{R}^m and the deleted product obstruction*, *Topol. Appl.* **85** (1998), 225–234.
- [RS99] D. Repovš and A. Skopenkov, *New results on embeddings of polyhedra and manifolds into Euclidean spaces*, *Uspekhi Mat. Nauk* **54:6** (1999), 61–109 (in Russian); *English transl.*, *Russ. Math. Surv.*, 1149–1196.
- [Sk00] A. Skopenkov, *On the generalized Massey–Rolfsen invariant for link maps*, *Fund. Math.* **165** (2000), 1–15.
- [Sk02] A. Skopenkov, *On the Haefliger–Hirsch–Wu invariants for embeddings and immersions*, *Comment. Math. Helv.* **77** (2002), 78–124.
- [Sk07] A. Skopenkov, *A new invariant and parametric connected sum of embeddings*, *Fund. Math.* **197** (2007), 253–269; arXiv:math/0509621.
- [Sk08] A. Skopenkov, *Embedding and knotting of manifolds in Euclidean spaces*, in: *Surveys in Contemporary Mathematics*, Ed. N. Young and Y. Choi, London Math. Soc. Lect. Notes **347** (2008), 248–342; arXiv:math/0604045.
- [Sk08'] A. Skopenkov, *A classification of smooth embeddings of 3-manifolds in 6-space*, *Math. Zeitschrift* **260:3** (2008), 647–672; arXiv:math/0603429.
- [Sk10] A. Skopenkov, *A classification of smooth embeddings of 4-manifolds in 7-space, I*, *Topol. Appl.* **157** (2010), 2094–2110; arXiv:math/0512594.
- [Sk10'] A. Skopenkov, *Embeddings of k -connected n -manifolds into R^{2n-k-1}* , *Proc. Amer. Math. Soc.* **138** (2010), 3377–3389; arXiv:0812.0263.
- [CS11] D. Crowley and A. Skopenkov, *A classification of smooth embeddings of 4-manifolds in 7-space, II*, *Internat. J. Math.* **22:6** (2011), 731–757; arXiv:0808.1795.
- [Sk14] A. Skopenkov, *How do autodiffeomorphisms act on embeddings*, *Proc. A of the Royal Society of Edinburgh* **148:4** (2018), 835–848; arXiv:1402.1853.
- [Sk15] A. Skopenkov, *Classification of knotted tori*, *Proc. A of the Royal Society of Edinburgh* **150:2** (2020), 549–567; arXiv:1502.04470.
- [Sk16] A. Skopenkov, *A user's guide to the topological Tverberg conjecture*, *Russian Math. Surveys*, **73:2** (2018), 323–353; arXiv:1605.05141. §4 accessible as A. Skopenkov, *On van Kampen–Flores, Conway–Gordon–Sachs and Radon theorems*, arXiv:1704.00300.
- [ST17] A. Skopenkov and M. Tancer, *Hardness of almost embedding simplicial complexes in \mathbb{R}^d* , *Discr. and Comp. Geom.* **61:2** (2019), 452–463; arXiv:1703.06305.
- [AMS+] S. Avvakumov, I. Mabillard, A. Skopenkov and U. Wagner, *Eliminating Higher-Multiplicity Intersections, III. Codimension 2*, *Israel J. Math.* **245** (2021), 501–534; arXiv:1511.03501.
- [CS16] D. Crowley and A. Skopenkov, *Embeddings of non-simply-connected 4-manifolds in 7-space, I. Classification modulo knots*, *Moscow Math. J.* **21:1** (2021), 43–98;

arXiv:1611.04738.

- [CS16'] D. Crowley and A. Skopenkov, *Embeddings of non-simply-connected 4-manifolds in 7-space, II. On the smooth classification.*, Proc. A of the Royal Society of Edinburgh **52:1** (2022), 163–181; arXiv:1612.04776.
- [Sk17] A. Skopenkov, *Eliminating higher-multiplicity intersections in the metastable dimension range*; arXiv:1704.00143.
- [AKS] S. Avvakumov, R. Karasev and A. Skopenkov., *Stronger counterexamples to the topological Tverberg conjecture*; arXiv:1908.08731.

2. Other research papers.

- [RSS93] D. Repovš, A. B. Skopenkov and E. V. Ščepin, *A characterization of C^1 -homogeneous subsets of the plane*, Boll. Unione Mat. Ital. **7-A** (1993), 437–444.
- [Sk94] A. Skopenkov, *A geometric proof of the Neuwirth theorem on thickenings of 2-polyhedra*, Mat. Zametki **56:2** (1994), 94–98 (in Russian); English transl.: Math. Notes, 58:5 (1995), 1244–1247.
- [RSS95] D. Repovš, A. B. Skopenkov and E. V. Ščepin, *On uncountable collections of continua and their span*, Colloq. Math. **69:2** (1995), 289–296.
- [RSS95'] D. Repovš, A. B. Skopenkov and E. V. Ščepin, *On embeddability of $X \times I$ into Euclidean space*, Houston J. Math **21** (1995), 199–204.
- [RS95] D. Repovš and A. B. Skopenkov, *On homogeneous compacta in Euclidean space and the classical Hilbert–Smith conjecture*, in: Proc. of the Second Asian Math. Conf. (ed. S.Tangmanee, E.Schulz) (1995), 222–226.
- [RS96] D. Repovš and A. B. Skopenkov, *Embeddability and isotopy of polyhedra in Euclidean spaces*, Trudy Math. Inst. Ross. Akad. Nauk **212** (1996); Proc. of the Steklov Inst. Math. **212** (1996), 173–188.
- [RSS97] D. Repovš, A. B. Skopenkov and E. V. Ščepin, *Group actions on manifolds and smooth ambient homogeneity*, Jour. of Math. Sci. (New York) **83:4** (1997), 546–549.
- [CRS98] A. Cavicchioli, D. Repovš and A. B. Skopenkov, *Open problems on graphs, arising from geometric topology*, Topol. Appl. **84** (1998), 207–226.
- [RS99'] D. Repovš and A. B. Skopenkov, *Obstructions for Seifert fibrations and classification of Hamiltonian systems (in Russian)*, Uspehi Mat. Nauk **54:3** (1999); English transl.: Russ. Math. Surv. **54:3** (1999).
- [RS99"] D. Repovš and A. B. Skopenkov, *Borromean rings and embedding obstructions (in Russian)*, Trudy Math. Inst. Ross. Akad. Nauk **225** (1999), 331–338; English transl.: Proc. of the Steklov Inst. Math. **225** (1999), 314–321.
- [BRS] D. Repovš, N. Brodsky and A. B. Skopenkov, *A classification of 3-thickenings of 2-polyhedra*, Topol. Appl. **94** (1999), 307–314.
- [CRS00] A. Cavicchioli, D. Repovš and A. B. Skopenkov, *An extension of the Bolsinov–Fomenko theorem on classification of Hamiltonian systems*, Rocky Mount. J. Math. **30:2** (2000), 447–476.
- [RS00] D. Repovš and A. Skopenkov, *Cell-like resolutions of polyhedra by special ones*, Colloq. Math. **86:2** (2000), 231–237.
- [RS01] D. Repovš and A. Skopenkov, *On contractible n -dimensional compacta, non-embeddable into \mathbb{R}^{2n}* , Proc. Amer. Math. Soc. **129** (2001), 627–628.
- [ARS01] P. Akhmetiev, D. Repovš and A. Skopenkov, *Embedding products of low-dimensional manifolds in \mathbb{R}^m* , Topol. Appl. **113** (2001), 7–12; (North-Holland, Elsevier).
- [ORS01] A. Onischenko, D. Repovš and A. Skopenkov, *Resolutions of 2-polyhedra by fake surfaces and embeddings into \mathbb{R}^4* , Contemporary Math. **288** (2001), 396–400.

- [ARS02] P. Akhmetiev, D. Repovš and A. Skopenkov, *Obstructions to approximating maps of n -manifolds into \mathbb{R}^{2n} by embeddings*, Topol. Appl. **123** (2002), 3–14.
- [RS02] D. Repovš and A. Skopenkov, *On projected embeddings and desuspension of the α -invariant*, Topol. Appl. **124** (2002), 69–75; (North-Holland, Elsevier).
- [MRS] J. Malešič, D. Repovš and A. Skopenkov, *On incompleteness of the deleted product obstruction for embeddings*, Bol. Soc. Mat. Mexicana (3) **9** (2003), 165–170.
- [MS04] J. Mukai and A. Skopenkov, *A direct summand in a homotopy group of the mod 2 Moore space*, Kyushu J. Math. **58:1** (2004), 203–209.
- [CRS04] M. Cencelj, D. Repovš and A. Skopenkov, *On the Browder-Levine-Novikov embedding theorems*, Trudy MIRAN **247** (2004), 280–290; arXiv:2104.01820.
- [RSS05] D. Repovš, A. Skopenkov and F. Spaggiari, *An infinite sequence of non-realizable weavings*, Discr. Appl. Math. **150:1-3** (2005), 256–260.
- [GS06] D. Gonçalves and A. Skopenkov, *Embeddings of homology equivalent manifolds with boundary*, Topol. Appl. **153:12** (2006), 2026–2034; arXiv:1207.1326.
- [CRS07] M. Cencelj, D. Repovš and A. Skopenkov, *Codimension two PL embeddings of spheres with nonstandard regular neighborhoods*, Chinese Annals of Mathematics, Series B **28:5** (2007), 603–608; arXiv:math/0608653.
- [Sk07'] A. Skopenkov, *A characterization of submanifolds by a homogeneity condition*, Topol. Appl. **154** (2007), 1894–1897; arXiv:math/0606470.
- [GS14] D. Gonçalves and A. Skopenkov, *A useful lemma on equivariant maps*, Homology, Homotopy and Applications, **16:2** (2014), 307–309.
- [Sk16'] A. Skopenkov, *Stability of intersections of graphs in the plane and the van Kampen obstruction*, Topol. Appl. **240** (2018) 259–269, arXiv:1609.03727.
- [Sk18] A. Skopenkov. *Invariants of graph drawings in the plane*, Arnold Math. J., **6** (2020) 21–55; full version: arXiv:1805.10237.
- [Sk18o] A. Skopenkov. *A short exposition of S. Parsa's theorems on intrinsic linking and non-realizability*, Discr. Comp. Geom. **65:2** (2021), 584–585; full version: arXiv:1808.08363.
- [SC] A. Skopenkov, *Embeddings in Euclidean space: an introduction to their classification*, http://www.map.mpim-bonn.mpg.de/Embeddings_in_Euclidean_space:_an_introduction_to_their_classification, Boll. Man. Atl., to appear.
- [SE] A. Skopenkov, *Embeddings just below the stable range: classification*, Boll. Man. Atl., to appear.
http://www.map.mpim-bonn.mpg.de/Embeddings_just_below_the_stable_range:_classification
- [ST] A. Skopenkov, *3-manifolds in 6-space*, Boll. Man. Atl., to appear.
http://www.map.mpim-bonn.mpg.de/3-manifolds_in_6-space
- [SF] A. Skopenkov, *4-manifolds in 7-space*, Boll. Man. Atl., to appear.
http://www.map.mpim-bonn.mpg.de/4-manifolds_in_7-space
- [SH] A. Skopenkov, *High codimension links*, Boll. Man. Atl., to appear.
http://www.map.mpim-bonn.mpg.de/High_codimension_links
- [AMS'+]S. Avvakumov, I. Mabillard, A. Skopenkov and U. Wagner, *Eliminating Higher-Multiplicity Intersections, III. Codimension 2 (extended abstract)*, Russian Math. Surveys **75:6** (2020), 173–174.
- [Sk14'] A. Skopenkov, *Realizability of hypergraphs and Ramsey link theory*, arXiv:1402.0658
- [Sk17o] A. Skopenkov, *On the metastable Mabillard-Wagner conjecture*, arXiv:1702.04259.
- [PS20] S. Parsa and A. Skopenkov. *On embeddability of joins and their 'factors'*, submitted, arXiv:2003.12285.
- [Sk20e] A. Skopenkov, *Extendability of simplicial maps is undecidable*, submitted, arXiv:2008.00492.

[KS20] R. Karasev and A. Skopenkov, Some ‘converses’ to intrinsic linking theorems, submitted, arXiv:2008.02523.

[Sk21d] A. Skopenkov, On different reliability standards in current mathematical research, arXiv:2101.03745.

[KS21] E. Kogan and A. Skopenkov, A short exposition of the Patak-Tancer theorem on non-embeddability of k -complexes in $2k$ -manifolds, arXiv:2106.14010.

[KS21e] E. Kogan and A. Skopenkov, Embeddings of k -complexes in $2k$ -manifolds and minimum rank of partial symmetric matrices, arXiv:2112.06636.

[Sk22] A. Skopenkov, Invariants of embeddings of 2-surfaces in 3-space, arXiv:2201.10944.

2A. Complements to math reviews

A. Skopenkov, On some results by S. Belkov and I. Korepanov, arXiv:1105.0085.

A. Skopenkov, A short exposition of the Levine-Lidman example of spineless 4-manifolds, arXiv:1911.07330.

A. Skopenkov, On some results of S. Abramyan and T. Panov, arXiv:2005.11152.

2B. Slides for talks

A. Skopenkov, Invariants of graph drawings in the plane,
https://www.mccme.ru/circles/oim/invadraw_beamer.pdf

A. Skopenkov, Realizability of hypergraphs and Ramsey link theory,
https://www.mccme.ru/circles/oim/algor1_beamer.pdf

A. Skopenkov, Whitney trick for eliminating multiple intersections,
https://www.mccme.ru/circles/oim/eliminat_talk.pdf.

3. Pedagogical books (mostly in Russian)

[Sk21m] A. Skopenkov, Mathematics via Problems. Part I. Algebra. 2021, AMS, Providence. https://www.mccme.ru/circles/oim/algebra_eng.pdf

[Sk15] A. Skopenkov, Algebraic Topology From Geometric Standpoint (in Russian), MCCME, Moscow, 2015, 2020. <http://www.mccme.ru/circles/oim/home/combtop13.htm#photo>. English translation of a part: <https://www.mccme.ru/circles/oim/obstructeng.pdf>

[ZSS] Mathematics vis Problems: from olympiades and math circles to profession (in Russian), editors: A. Zaslavsky, A. Skopenkov, and M. Skopenkov. MCCME, Moscow, 2018. <http://www.mccme.ru/circles/oim/sturm.pdf>

[ZPS] Mathematics via Problems (in Russian), editors: A. Zaslavsky, D. Permyakov, A. Skopenkov, M. Skopenkov and A. Shapovalov. MCCME, Moscow, 2009.

[Sk09] A. Skopenkov, Basic Differential Geometry As a Sequence of Interesting Problems (in Russian) MCCME, Moscow, 2009, 2010, 2016. arXiv:0801.1568.

[Sk12] A. Skopenkov, Ambient Homogeneity (in Russian), MCCME, Moscow, 2012, arXiv:1003.5278.

[CDG] A. Chernov, A. Daynyak, A. Glibichuk, M. Ilyinskiy, A. Kupavskiy, A. Raigorodskiy and A. Skopenkov, Elements of Discrete Mathematics As a Sequence of Problems (in Russian), MCCME, Moscow, 2016. Update: <http://www.mccme.ru/circles/oim/discrbook.pdf>

[Sk] A. Skopenkov, Algebraic Topology From Algorithmic Standpoint, draft of a book, mostly in Russian, <http://www.mccme.ru/circles/oim/algor.pdf>

3. Pedagogical papers (mostly in Russian)

Papers in Mat. Prosveschenie are available at <http://www.mccme.ru/free-books/matpros.html>

[VSS95] N. Vassiliev, V. Senderov and A. Skopenkov, *Around the Markov equation*, Kvant (1995), N6, 36–38.

[Sk96] A. Skopenkov, *Borsuk’s problem*, Quantum **7:1** (1996), 16–21, 63.

- [KS97] V. Kurlin and A. Skopenkov, *Basic embeddings of graphs into the plane*, Math. Obrazovanie **3** (1997), 105–113.
- [KS98] V. Kurlin and A. Skopenkov, *Basic embeddings of graphs into the plane*, in: 9-th summer conference of Tournament of Towns, MCCME (1998), 34–44, 106–113.
- [DSS99] V. N. Dubrovskiy, A. B. Skopenkov and A. V. Spivak, *Mathematics (materials of the 1997 summer school)*, SUNC MGU (1999).
- [KS99] P. Kozhevnikov and A. Skopenkov, *Narrow trees in the plane*, Mat. Obrazovanie **5** (1999), 126–131.
- [Sk99] A. Skopenkov, *n -dimensional cube, polynomials and solution of the Borsuk problem*, Mat. Prosveschenie **3** (1999).
- [RS00] D. Repovš and A. Skopenkov, *Obstruction theory for beginners*, Mat. Prosveschenie **4** (2000).
- [ST00] A. Skopenkov and A. Talambutsa, *Packing of regular polyhedra*, Mat. Obrazovanie **3(14)** (2000), 52–53.
- [RS02] D. Repovš and A. Skopenkov, *Characteristic classes for beginners*, Mat. Prosveschenie **6** (2002), 60–77.
- [ST04] A. Skopenkov and A. Talambutsa, *Extremal dispositions of regular polyhedra*, Mat. Prosveschenie **8** (2004), 53–65.
- [Sk05] A. Skopenkov, *On the Kuratowski graph planarity criterion*, Mat. Prosveschenie, 9 (2005), 116–128. arXiv:0802.3820
- [KS06] A. Kaibkhanov and A. Skopenkov, *A short proof of the transcendence of the Mahler number* Mat. Prosveschenie, 10 (2006), 176–184. arXiv:1204.5045
- [Sk06] A. Skopenkov, *Olympiads and mathematics*, Mat. Prosveschenie, 10 (2006), 57–63. Abridged English translation (abstract of a talk joint with N.N. Konstantinov): <http://www.mccme.ru/circles/oim/oimpeng.pdf>
- [OS07] A. Oshemkov and A. Skopenkov, *Olympiads in geometry and topology (in Russian)*, Mat. Prosveschenie, 11 (2007), 131–140.
- [ST07] A. Skopenkov and A. Telishev, *Once again on the Kuratowski graph planarity criterion*, Mat. Prosveschenie, 11 (2007), 159–160. arXiv:0802.3820
- [BRS08] V. Bogachev, A. Raigorodskiy, A. Skopenkov and N. Tolmachev *Students’ mathematical olympiades and interdepartment seminar at Moscow State University*, Mat. Prosveschenie, 12 (2008), 205–222.
- [KS08] P. Kozlov and A. Skopenkov, *A la recherche de l’algèbre perdue: du cote de chez Gauss*, Mat. Prosveschenie 12 (2008), 127–144. arXiv:0804.4357
- [Sk08] A. Skopenkov, *Some reflections on research problems for high-school students*, Mat. Prosveschenie, 12 (2008), 23–32.
- [Sk09] A. Skopenkov, *Yet another proof from the Book: Gauss-Wantzel theorem*, Mat. Prosveschenie, 28 (2021), 133–141. arXiv:0908.2029.
- [Sk10] A. Skopenkov, *Basic embeddings and Hilbert’s 13th problem*, Mat. Prosveschenie, 14 (2010) 143–174, arXiv:1001.4011. Abridged English translation: arXiv:1003.1586
- [ABZ] I. Arzhantsev, V. Bogachev, A. Zaslavsky, V. Protasov, A. Raigorodskiy, A. Skopenkov, *Students’ mathematical olympiades at Moscow State University*, Mat. Prosveschenie, 14 (2010), 225–234.
- [BKS] V. Bragin, Ant. Klyachko, A. Skopenkov, *When any group of n elements is cyclic?* published in [ZSS]. arXiv:1108.5406
- [Sk11] A. Skopenkov, *A simple proof of the Abel-Ruffini theorem*, Mat. Prosveschenie, 15 (2011) 113–126, arXiv:1102.2100.
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- [Sk12'] A. Skopenkov, Yet another proof from the book: Menger theorem, *Mat. Prosveschenie*, 16 (2012), 48-49.
- [ABG] I. Arzhantsev, V. Bogachev, A. Garber, A. Zaslavsky, V. Protasov and A. Skopenkov, Students' mathematical olympiades at Moscow State University 2010-2011, *Mat. Prosveschenie*, 16 (2012), 214-227.
- [IKR] M. Ilyinskiy, A. Kupavskiy, A. Raigorodskiy and A. Skopenkov, Discrete analysis for mathematicians and programmers, *Mat. Prosveschenie*, 17 (2013).
- [Sk13] A. Skopenkov, A two-page disproof of the Borsuk partition conjecture, *Mat. Prosveschenie*, 17 (2013). arXiv:0712.4009 v2
- [Sk14] A. Skopenkov, Some more proofs from the Book: solvability and insolvability of equations in radicals, published in [ZSS, Sk21m]. arXiv:0804.4357 v6
- [Sk15] A. Skopenkov, A short elementary proof of the Ruffini-Abel Theorem, arXiv:1508.03317, published in [Sk21m].
- [IRS] D. Ilyinskiy, A. Raigorodskiy and A. Skopenkov, Existence proofs in combinatorics using independence, *Mat. Prosveschenie*, 19 (2015), arXiv:1411.3171
- [PS15] V.V. Prasolov, A.B. Skopenkov, Some reflections on why Lobachevsky geometry was recognized, *Mat. Prosveschenie*, 19 (2015), arXiv:1307.4902
- [Sk16] A. Skopenkov, The graph and the number of roots of a cubic polynomial, *Kvant*, rejected after being accepted, arXiv:1610.05968.
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- [RS18] A. Remizova and A. Skopenkov, A simple proof of the Lovasz local lemma, *Mat. Prosveschenie*, 22 (2018) 164-169.
- [Sk20u] A. Skopenkov, A user's guide to basic knot and link theory. English version: in: *Topology, Geometry, and Dynamics, Contemporary Mathematics*, vol. 772, Amer. Math. Soc., Providence, RI, 2021, 281-309. Russian version: *Mat. Prosveschenie*, 27 (2021), 128-165. arXiv:2001.01472.
- [RRS] V. Retinskiy, A. Ryabichev and A. Skopenkov, Motivated exposition of the proof of the Tverberg Theorem (in Russian), *Mat. Prosveschenie*, 27 (2021), 166-169. arXiv:2008.08361.
- [Sk21y] A. Skopenkov, Yet another proof from the book: Gauss-Wantzel theorem (in Russian), *Mat. Prosveschenie*, 28 (2021), 133-141.
- [DS21] S. Dzhenzher and A. Skopenkov, A structured proof of the Kolmogorov superposition theorem (in Russian), *Mat. Prosveschenie*, 29 (2022), 244-254. arXiv:2105.00408.
- [BS21] A. Buchaev and A. Skopenkov, Simple proofs of estimations of Ramsey numbers and of discrepancy (in Russian), *Mat. Prosveschenie*, to appear. arXiv:2107.13831.
5. *Research projects for Summer Conference of Tournament of Towns (bilingual; after 2001)*
- [GSS] Projections of skew lines, presented by A. Gaifullin, A. Shapovalov, A. Skopenkov and M. Skopenkov, <http://www.turgor.ru/lktg/2001/index.php>
- [NS] Examples of transcendental numbers, presented by I. Nikokoshev and A. Skopenkov, <http://www.turgor.ru/lktg/2002/problem5.ru/index.php>
- [KSN] The complexity of summation, presented by Yu. Kudryashov, I. Nikokoshev, A. Skopenkov, <http://www.turgor.ru/lktg/2003/summ.en/index.htm>
- [CKS] New ways of weaving baskets, presented by G. Chelnokov, Yu. Kudryashov, A. Skopenkov and A. Sossinsky, <http://www.turgor.ru/lktg/2004/lines.en/index.htm>

- [KPS] Realization of graphs with rotations, presented by A. Kaibkhanov, D. Permyakov and A. Skopenkov, <http://www.turgor.ru/lktg/2005/3/index.htm>
- [SS] Basic planar sets, presented by I. Shnurnikov and A. Skopenkov, <http://www.turgor.ru/lktg/2006/5/index.htm>
- [BDK] Quadratic irrationals, presented by A. Belov, P. Dergach, P. Kozlov and A. Skopenkov, <http://www.turgor.ru/lktg/2007/5/index.php>
- [DNS] Stability of intersections of paths in the plane, presented by P. Dergach, I. Netai, A. Skopenkov, M. Skopenkov, <http://www.turgor.ru/lktg/2008/5/index.php>
- [BKK] When any group of n elements is cyclic? presented by D. Baranov, Ant. Klyachko, K. Kokhas, A. Skopenkov and M. Skopenkov, <http://www.turgor.ru/lktg/2011/6/index.php>
- [ABR] How do curved spheres intersect in 3-space, or two-dimensional meandra, presented by S. Avvakumov, A. Berdnikov, A. Rukhovich and A. Skopenkov, <http://www.turgor.ru/lktg/2012/3/index.htm>
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- [ABG] Solving equations using one radical, presented by D. Akhtyamov, I. Bogdanov, A. Glebov, A. Skopenkov, E. Streltsova and A. Zykin, <http://www.turgor.ru/lktg/2015/4/index.htm>
- [BCM] 13th Hilbert Problem on superpositions of functions, presented by A. Belov, A. Chilikov, I. Mitrofanov, S. Shaposhnikov and A. Skopenkov, <http://www.turgor.ru/lktg/2016/5/index.htm>
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