

LIST OF PAPERS*

Books:

1. A. Degtyarev, I. Itenberg, V. Kharlamov. *Real Enriques surfaces*. Lecture Notes in Mathematics, 1746. Springer-Verlag, Berlin, 2000. xvi+259 pp. ISBN: 3-540-41088-0.
2. A. Degtyarev. *Topology of Algebraic Curves: An Approach via Dessins d'Enfants*. De Gruyter Studies in Mathematics, 44. Walter de Gruyter & Co., Berlin, 2012. xvi+393 pp. ISBN: 978-3-11-025842-4.

Papers:

3. A. Degtyarev. *Topological isotopies of algebraic curves*. Dokl. Akad. Nauk SSSR **286** (1986), no. 6, 1295–1298.
4. A. Degtyarev. *Alexander polynomial of an algebraic hypersurface*. Preprint LOMI, R-11-86, 1986.
5. A. Degtyarev. *Isotopic classification of complex plane projective curves of degree five*. Preprint LOMI, R-3-87, 1987.
6. A. Degtyarev. *Classification of surfaces of degree four having a non-simple singular point*. (Russian) Izv. Akad. Nauk SSSR Ser. Mat. **53** (1989), no. 6, 1269–1290, 1337–1338; translation in Math. USSR-Izv. **35** (1990), no. 3, 607–627.
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8. A. Degtyarev. *Classification of quartics having a non-simple singular point*. II. Topology of manifolds and varieties, 23–54, Adv. Soviet Math., **18**, Amer. Math. Soc., Providence, RI, 1994.
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12. A. Degtyarev. *Quadratic transformations $\mathbf{R}p^2 \rightarrow \mathbf{R}p^2$* . Topology of real algebraic varieties and related topics, 61–71, Amer. Math. Soc. Transl. Ser. 2, **173**, Amer. Math. Soc., Providence, RI, 1996.
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14. A. Degtyarev. *Vanishing of characteristic classes of a real algebraic variety*. Real algebraic geometry and topology (East Lansing, MI, 1993), 1–9, Contemp. Math., **182**, Amer. Math. Soc., Providence, RI, 1995.
15. A. Degtyarev, V. Kharlamov. *Topological classification of real Enriques surfaces*. Topology **35** (1996), no. 3, 711–729.
16. A. Degtyarev. *Quintics in $\mathbf{C}p^2$ with nonabelian fundamental group*. Preprint of the Max-Planck Institute, MPI/95-53, 1995.
17. A. Degtyarev, V. Kharlamov. *Distribution of the components of a real Enriques surface*. Preprint of the Max-Planck Institute, MPI/95-58, 1995.
18. A. Degtyarev, V. Kharlamov. *Halves of a real Enriques surface*. Comment. Math. Helv. **71** (1996), no. 4, 628–663.
19. A. Degtyarev, V. Kharlamov. *Around real Enriques surfaces*. Real algebraic and analytic geometry (Segovia, 1995). Rev. Mat. Univ. Complut. Madrid **10** (1997), Special Issue, suppl., 93–109.
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25. A. Degtyarev, V. Zvonilov. *Rigid isotopy classification of real algebraic curves of bidegree (3, 3) on quadrics*. (Russian) Mat. Zametki **66** (1999), no. 6, 810–815; translation in Math. Notes **66** (1999), no. 5–6, 670–674 (2000).
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31. A. Degtyarev, T. Ekedahl, I. Itenberg, B. Shapiro, M. Shapiro. *On total reality of meromorphic functions*. Ann. Inst. Fourier, **57** (2007), no. 6, 2015–2030.
32. A. Degtyarev, I. Itenberg, V. Kharlamov. *On deformation types of real elliptic surfaces*. Amer. J. Math., **130** (2008), no. 6, 1561–1627; doi:10.1353/ajm.0.0029.
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34. A. Degtyarev. *Oka’s conjecture on irreducible plane sextics*. J. London Math. Soc. **78** (2008), no. 2, 329–351; doi:10.1112/jlms/jdn029.
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43. A. Degtyarev. *Plane sextics via dessins d’enfants*. Geometry & Topology, **14** (2010), no. 1, 393–433; doi:10.2140/gt.2010.14.393.
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