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Education Information

Doctorate, Leningrad State University, Mathematical-Mechanical, Pure Mathematics, Russia 1981 - 1985

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Projective Configurations and Real Algebraic Curves, Leningrad Devlet Üniversitesi, Mathematics-Mechanics, Pure Mathematics, 1985

Research Areas

Mathematics

Advising Theses

FİNASHİN S., Lagrangian perturbations of Lagrangian nodal spheres in the complex plane, Postgraduate, D.GENLİK(Student), 2018
FİNASHİN S., Skew configurations of lines in real del Pezzo surfaces, Doctorate, R.ARZU(Student), 2014
FİNASHİN S., Real lefschetz fibrations, Doctorate, N.Salepci(Student), 2007
FİNASHİN S., The Arnold invariants of immersed plane curves, Postgraduate, N.Salepçi(Student), 2001
FİNASHİN S., Generalised thurston- bennequin invariants for singularities of real algebraic curves and surfaces, Doctorate, F.Öztürk(Student), 2001

Published journal articles indexed by SCI, SSCI, and AHCI

I. **COMBINED COUNT of REAL RATIONAL CURVES of CANONICAL DEGREE 2 on REAL DEL PEZZO SURFACES with**
FİNASHİN S., Kharlamov V.
Journal of the Institute of Mathematics of Jussieu, vol.23, no.1, pp.123-148, 2024 (SCI-Expanded)

II. **On wall-crossing invariance of certain sums of Welschinger numbers**
FİNASHİN S., Kharlamov V.
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III. **Two kinds of real lines on real del Pezzo surfaces of degree 1**
Finashin S., Kharlamov V.
SELECTA MATHEMATICA-NEW SERIES, vol.27, no.5, 2021 (SCI-Expanded)

IV. **Segre Indices and Welschinger Weights as Options for Invariant Count of Real Lines**
FİNASHİN S., Kharlamov V.
INTERNATIONAL MATHEMATICS RESEARCH NOTICES, vol.2021, no.6, pp.4051-4078, 2021 (SCI-Expanded)

V. **Chirality of real non-singular cubic fourfolds and their pure deformation classification**
Finashin S., Kharlamov V.
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VI. **TOPOLOGY OF REAL SCHLAFLI SIX-LINE CONFIGURATIONS ON CUBIC SURFACES AND IN RP3**
FİNASHİN S., Zabun R. A.
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VII. **APPARENT CONTOURS OF NONSINGULAR REAL CUBIC SURFACES**
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VIII. **Deformation classification of typical configurations of 7 points in the real projective plane**
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TOPOLOGY AND ITS APPLICATIONS, vol.194, pp.358-385, 2015 (SCI-Expanded)

IX. **Abundance of Real Lines on Real Projective Hypersurfaces**
FİNASHİN S., Kharlamov V.
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X. **Topology of real cubic fourfolds**
FİNASHİN S., Kharlamov V.
JOURNAL OF TOPOLOGY, vol.3, no.1, pp.1-28, 2010 (SCI-Expanded)

XI. **On the deformation chirality of real cubic fourfolds**
FİNASHİN S., Kharlamov V.
COMPOSITIO MATHEMATICA, vol.145, no.5, pp.1277-1304, 2009 (SCI-Expanded)

XII. **DEFORMATION CLASSES OF REAL FOUR-DIMENSIONAL CUBIC HYPERSURFACES**
FİNASHİN S., Kharlamov V.
JOURNAL OF ALGEBRAIC GEOMETRY, vol.17, no.4, pp.677-707, 2008 (SCI-Expanded)

XIII. **Knotting of algebraic curves in CP2**
Finashin S.
TOPOLOGY, vol.41, no.1, pp.47-55, 2002 (SCI-Expanded)

XIV. **Knotting of algebraic curves in complex surfaces**
FİNASHİN S.
Turkish Journal of Mathematics, vol.25, no.1, pp.147-158, 2001 (SCI-Expanded)

XV. **A (-86)-sphere in the K3 surface**
FİNASHİN S., Mikhalkin G.
Turkish Journal of Mathematics, vol.21, no.1, pp.129-131, 1997 (SCI-Expanded)

XVI. **Complex conjugation equivariant topology of complex surfaces**
FİNASHİN S.
Turkish Journal of Mathematics, vol.21, no.1, pp.119-127, 1997 (SCI-Expanded)

XVII. **Pin-structures on surfaces and quadratic forms**

Degtyarev A., Finashin S.
Turkish Journal of Mathematics, vol.21, no.2, pp.187-193, 1997 (SCI-Expanded)

XVIII. **Decomposability of quotients by complex conjugation for rational and Enriques surfaces**
Finashin S.
TOPOLOGY AND ITS APPLICATIONS, vol.79, no.2, pp.121-128, 1997 (SCI-Expanded)

XIX. **Rokhlin conjecture and quotients of complex surfaces by complex conjugation**
Finashin S.
JOURNAL FUR DIE REINE UND ANGEWANDTE MATHEMATIK, vol.481, pp.55-71, 1996 (SCI-Expanded)

XX. **NON-DIFFEOMORPHIC BUT HOMEOMORPHIC KNOTTINGS OF SURFACES IN THE 4-SPHERE**
FİNASHİN S., KRECK M., VIRO O.
LECTURE NOTES IN MATHEMATICS, vol.1346, pp.157-198, 1988 (SCI-Expanded)

XXI. **CONFIGURATIONS OF 7 POINTS IN RP3**
FİNASHİN S.
LECTURE NOTES IN MATHEMATICS, vol.1346, pp.501-526, 1988 (SCI-Expanded)

XXII. **Exotic knottings of surfaces in the 4-sphere**
Finashin S., Kreck M., Viro O. Y.
Bulletin of the American Mathematical Society, vol.17, no.2, pp.287-290, 1987 (SCI-Expanded)

Articles Published in Other Journals

I. **On Affine Real Cubic Surfaces**
FİNASHİN S., Kharlamov V.
Arnold Mathematical Journal, 2023 (Scopus)

II. **Deformation Classification of Real Non-singular Cubic Threefolds with a Marked Line**
FİNASHİN S., Kharlamov V.
Arnold Mathematical Journal, vol.4, no.3-4, pp.345-414, 2018 (Scopus)

III. **Abundance of 3-Planes on Real Projective Hypersurfaces**
FİNASHİN S., Kharlamov V.
Arnold Mathematical Journal, vol.1, no.2, pp.171-199, 2015 (Scopus)

IV. **Differential topology of quotients of complex surfaces by complex conjugation**
Finashin S.
Journal of Mathematical Sciences, vol.91, no.6, pp.3472-3475, 1998 (Scopus)

V. **Topology of the complement of a real algebraic curve in ℂP2**
Finashin S.
Journal of Soviet Mathematics, vol.26, no.1, pp.1684-1689, 1984 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

I. **The first homology of a real cubic is generated by lines**
FİNASHİN S., Kharlamov V.
International Conference on Topology, Geometry, and Dynamics, 2019, St. Petersburg, Russia, 19 - 23 August 2019, vol.772, pp.123-131

Metrics

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