Curriculum vitae of Ossip Schwarzman

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Education:

Moscow University 9/64 - 6/69 (Diplom 185649,June 23, 1969) Ph.D.Moscow University 9/69 - 9/72 (Diplom MFM 023645,June 11,1975) Dozent(Attestat DZ 028815,July 4,1979)

Positions:

Associated Professor, Moscow Technical University of Communication and Information 9/74 - present;

Professor, Moscow Independent University, Math.Colledge 9/92 - present;
Visiting Prof. at MPI (Bonn) - spring 1991 and spring 1993;
Visiting Prof. at Yale University 7-8/92;
Visiting Prof. at Bielefeld University 8/93 and 6-7/1998 ,IHES-11/1997.

Publications:

1. On discrete arithmetical subgroups of complex Lie groups (in Russian), Math.Sbornik, 1968, vol.77, p.542-545.

2. Linear representations of groups generated by reflections (in Russian), Math.Sbornik, 1970, vol.82, p.494-498.

3. The quotient of Picard group in complex ball B (in Russian), Uspekhi Mat.Nauk, 1973, vol.28:2, p.236-237.

4. Simple connectedness of the factor space of the Hilbert modular group (in Russian), Func.Anal.and Appl., 1974, vol.8, p.99-100.

5. Chevalley theorem for complex crystallographic Coxeter groups (in Russian, with J.Bernstein), Funct.Anal.and Appl., 1978, vol.12, p.79-81.

6. Chevalley theorem for complex crystallographic groups in C (in Russian), Uspekhi Mat.Nauk, 1979, vol34:1, p.249-250.

7. Some remarks on Chevalley theorem (in Russian), Funct.Anal.and Appl., 1982,vol.16, p.92-94.

8. Discrete reflection groups in the complex ball, I (in Russian), Funct. Anal.and Appl., 1984, vol.18, p.88-89.

9. Cartan Matrices of hyperbolic type and nonsingular parabolic points of quotient spaces of tube domains, Selecta Math.Sov., 1985, vol.4, p.55-61.

10. Discrete reflection groups in complex ball,II (in Russian), Group theory and homological algebra. Univ.Yaroslavl, ed.A.Onishic, 1985, p.61-77.

11. Chevalley theorem for complex crystallographic reflection groups (with J.Bernstein), Reports of Dep.of Math. Univ.of Stockholm, 1986,vol.22,p.1-36.

12. Complex crystallographic Coxeter groups and affini root systems (with J.Bernstein), Reports of Dep.of Math.Univ.of Stockholm, 1986,vol.22,p.37-67.

13. On a necessary condition for a ternary lattice to be a reflection lattice (in Russian), Group Theory and homological algebra. Univ.Yaroslavl, ed. A.Onishic, 1987, p.66-71.

14. Discrete subgroups of Lie groups (in Russian, with E.Vinberg, V.Gorbazevich), Foundations of Math., Lie groups 2, 1988, vol.21, p.5-120.

15. Discrete groups of motions of spaces of constant curvature (with E.Vinberg), Encyclopedia of Math.Science, Springer, 1993, vol.29, p.143-241.

16. Reflection subgroups of Bianchi groups, Selecta Math.Sov., 1990, vol.9, p.323-329.

17. On reflection hyperbolic lattices of rank 3 (in Russian), Group theory and homological algebra. Univ.Yaroslavl,ed.A.Onishic, 1990, p.135-141.

18. The most simple reflection groups in complex ball B , Preprint Max - Planck Institut, 1991.

19. The example of non-arithmetic discrete group in complex ball, Lie groups, their discrete subgroups and invariant theory, ed.E.Vinberg, AMS, 1992, vol.9 p.191-196.

20. Cocycles of complex reflection groups (in Russian), Group theory and homological algebra. Univ.Yaroslavl, ed.A.Onishic, 1992, 32-40.

21. On the fuchsian groups of genus zero (in Russian), Funct.Anal.and Appl.,1994, vol.28, N 4, p.66-73.

22. The torsion in central quotients of Artin-Brieskorn braid groups and regular Springer numbers (in Russian) Funct.Anal.and Appl., 1996 vol.30 N1,p. 39-46. 23."THE ABC of Riemann surfaces" (with V.V.Prasolov)in Russian,Fasis 1999.

23. On the reflectivity of the Bianchi groups(in Russian) Uspechi Mat. Nauk,1998,v.53,N6,p.271-272.

24. Free G-sheaves on closed Riemann surfaces (in Russian) Uspechi.Mat.Nauk,1999,v.54,N6,pp.175-176.

25. Discrete Subgroups of Lie groups(with E.B.Vinberg and V.V. Gorbatsevich) in Encyc.Math.Sciences,Lie groups and Algebras II, pp.5-116,Springer,2000.

Talks:

1. Complex reflection groups and the topology of their quotients, MPI, Bonn, March 23, 1991.

2. About the one simple example of non-arithmetic cocompact lattice in complex ball, Conference on algebraic groups, Oberwohlwach, April 18,1991.

3. Reflection groups and some problems of algebraic geometry, The Week of Algebraic geometry in Institut of Univ.van Amsterdam, May 20, 1991.

4. Around the Chevalley's theorem. The workshop on reflection groups,Trieste,January 1998.

5. On the reflectivity of the Bianchi groups, Seminar "Arithmetische Gruppen" Univ. Bielefeld,30.6.1998.

6. Automorphism groups of ternary integral forms. Colloqium at the Univ.Bar-Illan,February 18,1999.