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Geometrically finite groups of transformations of space. (English. Russian original)

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MSC:

30F40 Kleinian groups (aspects of compact Riemann surfaces and uniformization)

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References:

- [1] L. Greenberg, ?Fundamental polyhedra for Kleinian groups,? Ann. Math.,84, 433-442 (1966). · Zbl 0161.27405 · doi:10.2307/1970456
- [2] T. Jørgensen, ?Compact 3-manifolds of constant negative curvature fibering over the circle,? Ann. Math.,106, 61-72 (1977). · Zbl 0368.53025 · doi:10.2307/1971158
- [3] T. Jørgensen and A. Marden, ?Two doubly generated groups,? Q. J. Math.,30, 143-156 (1979). · Zbl 0414.30035 · doi:10.1093/qmath/30.2.143
- [4] A. Beardon and B. Maskit, ?Limit points of Kleinian groups and finite sided fundamental polyhedra,? Acta Math.,132, 1-12 (1974). · Zbl 0277.30017 · doi:10.1007/BF02392106
- [5] Chen Su-Shing, ?A theorem of Ahlfors for hyperbolic spaces,? Trans. Am. Math. Soc.,242, 401-406 (1978). · Zbl 0386.22009 · doi:10.1090/S0002-9947-1978-0496817-0
- [6] G. A. Hedlund, ?Fuchsian groups and transitive horocycles,? Duke Math. J.,2, 530-542 (1936). · Zbl 62.0392.03 · doi:10.1215/S0012-7094-36-00246-6
- [7] B. N. Apanasov, ?On an analytic method in the theory of Kleinian groups of a multidimensional Euclidean space,? Dokl. Akad. Nauk SSSR,222, 11-14 (1975).
- [8] B. N. Apanasov, ?Entire automorphic forms in R_n ,? Sib. Mat. Zh.,19, 735-748 (1978).
- [9] B. N. Apanasov, ?On Kleinian groups in space,? Sib. Mat. Zh.,16, 891-898 (1975).
- [10] J. Wolf, Spaces of Constant Curvature, McGraw-Hill, New York (1967). · Zbl 0162.53304
- [11] B. Maskit, ?On boundaries of Teichmüller spaces and on Kleinian groups. II,? Ann. Math.,91, 607-639 (1970). · Zbl 0197.06003 · doi:10.2307/1970640
- [12] B. N. Apanasov, ?Nontriviality of Teichmüller space for Kleinian groups in space,? in: Proceedings of the 1978 Stony Brook conference: Riemann Surfaces and Related Topics, Princeton Univ. Press, Princeton (1981), pp. 21-31.
- [13] N. J. Wilenber, ?Discrete Moebius groups: fundamental polyhedra and convergence,? Am. J. Math.,99, 861-877 (1977). · Zbl 0373.57024 · doi:10.2307/2373869
- [14] A. Marden, ?The geometry of finitely generated Kleinian groups,? Ann. Math.,99, 383-462 (1974). · Zbl 0282.30014 · doi:10.2307/1971059
- [15] B. N. Apanasov, ?On a class of Kleinian groups in R_n ,? Dokl. Akad. Nauk SSSR,215, 509-510 (1974).
- [16] L. V. Ahlfors, ?Fundamental polyhedrons and limit point sets of Kleinian groups,? Proc. Natl. Acad. Sci. USA,55, 251-254 (1966). · Zbl 0132.30801 · doi:10.1073/pnas.55.2.251

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