

# Bibliography

1. Abikoff, W., The residual limit sets of Kleinian groups. *Acta Math.* **130** (1973), 127–144.
2. Abikoff, W., The Euler characteristic and inequalities for Kleinian groups, (to appear).
3. Accola, R.D.M., Invariant domains for Kleinian groups. *Amer. J. Math.* **88** (1966), 229–236.
4. Ahlfors, L.V., Finitely generated Kleinian groups. *Amer. J. Math.* **86** (1964) 413–429.
5. Ahlfors, L.V., *Lectures on Quasiconformal mappings*, Van Nostrand, Princeton, 1966.
6. Ahlfors, L.V., Fundamental polyhedrons and limit point sets of Kleinian groups. *Proc. Nat. Acad. Sci. USA* **55** (1966), 251–254.
7. Ahlfors, L.V., Eichler integrals and Bers' area theorem. *Mich. Math. J.* **15** (1968), 257–263.
8. Ahlfors, L.V. and Sario L., *Riemann surfaces*, Princeton Math. Series no. 26, Princeton University Press, Princeton, 1960.
9. Apanasov, B.N., On an analytic method in the theory of Kleinian groups of a multidimensional Euclidean space. *Dokl. Akad. Nauk SSSR* **222** (1975), 11–14.
10. Apanasov, B.N., Kleinian groups, Teichmüller space, and Mostow's rigidity theorem. *Sibirsk. Mar. Zh.* **21** (1980), no. 4, 3–15 = *Siberian Math. J.* **21** (1980), 483–491.
11. Beardon, A.F., *The Geometry of Discrete Groups*, Springer-Verlag, New York Heidelberg Berlin, 1983.
12. Beardon, A.F. and Maskit, B. Limit points of Kleinian groups and finite sided fundamental polyhedra. *Acta Math.* **132** (1974), 1–12.
13. Bers, L., Simultaneous uniformization. *Bull. Amer. Math. Soc.* **66** (1960), 94–97.
14. Bers, L., Inequalities for finitely generated Kleinian groups. *J. d'Analyse Math.* **18** (1967), 23–41.
15. Bers, L., On boundaries of Teichmüller spaces and on Kleinian groups. I. *Ann. of Math.* (2) **91** (1970), 570–600.
16. Bers, L., Uniformization, Moduli, and Kleinian groups. *Bull. London Math. Soc.* **4** (1972), 257–300.
17. Bers, L., and Maskit, B., On a class of Kleinian groups. *Contemporary problems in Theory Anal. Functions* (Internat. Conf., Erevan, 1965) (Russian) pp. 44–47, Izdat. "Nauka", Moscow, 1966.
18. Bonahon, F., Bouts des variétés Hyperboliques de Dimension 3, (to appear).
19. Brooks, R. and Matelski, J.P., Collars in Kleinian groups. *Duke Math. J.* **49** (1982), 163–182.
20. Chuckrow, V., On Schottky groups with applications to Kleinian groups. *Ann. of Math.* **88** (1968) 47–61.
21. De Rham G., Sur les polygones générateurs de groupes fuchsien. *Enseignement Math.* **17** (1971), 49–61.
22. Duren, P., *Univalent functions*, Springer-Verlag, New York, 1983.
23. Farkas, H.M. and Kra, I., *Riemann surfaces*. Springer-Verlag, New York, 1980.
24. Fenchel, W. and Nielsen, J., Discrete groups, (unpublished manuscript).
25. Floyd, W., Group completions and limit sets of Kleinian groups. *Invent. Math.* **57** (1980), 205–218.
26. Fricke, R. and Klein, F., *Vorlesungen über die Theorie der automorphen Funktionen*, Vol. I, R.G. Teubner, Stuttgart, Johnson Reprint Corp., 1965.
27. Gehring, F. and Martin, G., Discrete quasiconformal groups, (to appear).
28. Gray, B., *Homotopy Theory*, Academic Press, New York, 1975.

29. Greenberg, L., Fundamental polyhedra for Kleinian groups. *Ann. of Math. (2)* **84** (1966), 433–441.
30. Gunning, R.C., Special coordinate coverings of Riemann surfaces. *Math. Ann.* **170** (1967), 67–86.
31. Gusevski, N.A., Topological characterization of Schottky groups. *Siberian Math. J.* **20** (1979), 454–457.
32. Hedlund, G.A., Fuchsian groups and transitive horocycles. *Duke Math. J.* **2** (1936), 530–542.
33. Hempel, J., *3-Manifolds*, Annals of Math. Studies no. 86, Princeton University Press, 1976.
34. Hu, S., *Homotopy Theory*, Academic Press, New York, 1959.
35. Jenkins, J.A., On the existence of certain general extremal metrics, *Ann. of Math. (2)* **66** (1957), 440–453.
36. Jørgensen, T., On discrete groups of Möbius transformations. *Amer. J. Math.* **98** (1976), no. 3, 739–749.
37. Jørgensen, T., Compact 3-manifolds of constant negative curvature fibering over the circle. *Annals of Math.* **106** (1977) 61–72.
38. Kalme, C., A note on the connectivity of components of Kleinian groups. *Trans. Amer. Math. Soc.* **137** (1969), 301–307.
39. Keen, L., Intrinsic Moduli on Riemann surfaces. *Annals of Math. (2)* **84** (1966), 404–420.
40. Klein, F., Neue Beiträge zur Riemann'schen Funktionentheorie. *Math. Ann.* **21** (1883), 141–218.
41. Koebe, P., Über die Uniformisierung der Algebraischen Kurven III. *Math. Ann.* **72** (1912), 437–516.
42. Kra, I., Deformations of Fuchsian groups. *Duke Math. J.* **36** (1969), 537–546.
43. Kra, I., *Automorphic forms and Kleinian groups*, W.A. Benjamin, Reading, MA, 1972.
44. Kra, I., On cohomology of Kleinian groups IV, The Ahlfors-Sullivan construction of holomorphic Eichler integrals, (to appear).
45. Kra, I. and Maskit, B., Involutions on Kleinian groups. *Bull. Amer. Math. Soc.* **78** (1972), 801–805.
46. Krushkal', S.L., Apanasov, B.N., and Gusevskii, N.A., *Kleinian Groups and Uniformization in Examples and Problems*, Translations of Mathematical Monographs vol. 62, American Mathematical Society, Providence, 1986.
47. Kulkarni, R.S., Some topological aspects of Kleinian groups. *Amer. J. Math.* **100** (1978), 897–911.
48. Kulkarni, R., Infinite regular coverings. *Duke Math. J.* **45** (1978), 781–796.
49. Leutbecher, A., Über Spitzen diskontinuierlicher Gruppen von linear gebrochenen Transformationen, *Math. Z.* **100** (1967), 183–200.
50. Lyndon, R.C., and Schupp, P.E., *Combinatorial Group Theory*, Springer-Verlag, Berlin Heidelberg New York, 1977.
51. Magnus, W., Karrass, A., Solitar, D., *Combinatorial Group Theory*, Interscience, New York, 1966.
52. Marden, A., The geometry of finitely generated Kleinian groups. *Ann. of Math. (2)* **99** (1974), 383–462.
53. Marden, A., Schottky groups and circles. *Contributions to Analysis*, A Collection of Papers Dedicated to Lipman Bers. pp. 273–278, Academic Press, New York, 1974.
54. Marden, A., Isomorphisms between Fuchsian groups, *Advances in complex function theory (Proc. Sem., Univ. Maryland, College Park, MD, 1973–1974)*, pp. 56–78, *Lecture Notes in Math.*, vol. 505, Springer, Berlin, 1976.
55. Marden, A., Geometrically Finite Kleinian Groups and their Deformation Spaces, in *Discrete Groups and Automorphic Functions*, ed. by W.J. Harvey, pp. 259–293, Academic Press, London, 1977.
56. Maskit, B., On Klein's combination theorem. *Trans. Amer. Math. Soc.* **120** (1965), 499–509.
57. Maskit, B., A theorem on planar coverings of surfaces with applications to 3-manifolds. *Annals of Math.* **81** (1965), 341–355.
58. Maskit, B., Construction of Kleinian groups. *Proc. of the conf. on Complex Anal.*, Minneapolis, 1964, Springer-Verlag, 1965.

59. Maskit, B., A characterization of Schottky groups. *J. d'Analyse Math.* **19** (1967), 227–230.
60. Maskit, B., On Klein's combination theorem. II. *Trans. Amer. Math. Soc.* **131** (1968), 32–39.
61. Maskit, B., The Conformal Group of a Plane Domain. *Amer. J. Math.* **90** (1968), 718–722.
62. Maskit, B., On boundaries of Teichmüller spaces and on Kleinian groups II. *Annals of Math.* **91** (1970), 607–639.
63. Maskit, B., On Poincaré's theorem for fundamental polygons. *Advances in Math.* **7** (1971), 219–230.
64. Maskit, B., On Klein's combination theorem III. *Advances in the Theory of Riemann Surfaces, Annals of Math. Studies* no. 66 pp. 297–316, Princeton University Press, Princeton, 1971.
65. Maskit, B., Decomposition of certain Kleinian groups. *Acta Math.* **130** (1973), 243–263.
66. Maskit, B., Intersections of Component Subgroups of Kleinian Groups. *Discontinuous Groups and Riemann Surfaces. Annals of Math. Studies* no. 79 pp. 349–367. Princeton University Press, Princeton, 1974.
67. Maskit, B., On the classification of Kleinian groups: I. Koebe groups. *Acta Math.* **135** (1975), 249–270.
68. Maskit, B., On the classification of Kleinian groups: II. Signatures. *Acta Math.* **138** (1977), 17–42.
69. Maskit, B., A locally free Kleinian group. *Duke Math. J.* **50** (1983), 227–232.
70. Maskit, B., Parabolic elements in Kleinian groups. *Annals of Math.* **117** (1983), 659–668.
71. Maskit, B., Comparison of Hyperbolic and extremal lengths. *Ann. Acad. Sci. Fenn. Ser. A.I.* **10** (1985), 381–386.
72. McMullin, C., Automorphisms of Rational maps, (to appear).
73. Milnor, J., Hyperbolic geometry: The first 150 years. *Bull. Amer. Math. Soc.* **6** (N.S.) (1982), 9–24.
74. Morgan, J.W., On Thurston's uniformization theorem for three-dimensional manifolds, in *The Smith conjecture*, ed. by John W. Morgan and Hyman Bass, pp. 37–125, Academic Press, Orlando, 1984.
75. Morokuma, T., A characterization of fundamental domains of discontinuous groups acting on real hyperbolic spaces. *J. Fac. Sci. Univ. Tokyo Sect. IA Math.* **25** (1978), 157–183.
76. Mostow, G.D., On a remarkable class of polyhedra in complex hyperbolic space. *Pacific J. Math.* **86** (1980), 171–276.
77. Nakada, M., Remark on the number of components of finitely generated function groups. *Tôhoku Math. J.* **27** (1975), 99–102.
78. Nielsen, J., Untersuchungen zur Topologie der geschlossenen zweiseitigen Flächen. *Acta Math.* **50** (1927), 189–358.
79. Poincaré H., Sur la théorie des fonctions Fuchsienues, *Oeuvres*, vol. II, pp. 75–91, Gauthier-Villars, Paris, 1952.
80. Poincaré, H., Memoire sur les groupes Kleinéens. *Acta Math* **3** (1883), 49–92.
81. Riley, R., Parabolic representations of knot groups I. *Proc. London Math. Soc.* (3) **24** (1972), 217–242.
82. Riley, R., Parabolic representations of knot groups II. *Proc. London Math. Soc.* (3) **31** (1975) 495–512.
83. Riley, R., Discrete parabolic representations of link groups. *Mathematika* **22** (1975), 141–150.
84. Robinson, D.J.S., *A course in the theory of Groups*, Springer-Verlag, New York Heidelberg Berlin, 1982.
85. Shimizu, H., On groups operating on the product of the upper half-planes. *Ann. of Math.* (2) **79** (1963), 33–71.
86. Springer, G., *Introduction to Riemann surfaces*, Addison-Wesley, Reading, MA, 1957.
87. Strebel, K., *Quadratic Differentials*, Springer-Verlag, Berlin, 1980.
88. Sullivan, D., A finiteness theorem for cusps. *Acta Math.* **147** (1981), 289–299.
89. Swarup, G.A., Two reductions of the Poincaré conjecture. *Bull. Amer. Math. Soc.* (N.S.) **1** (1979), 774–777.
90. Thurston, W., The geometry and topology of 3-manifolds, *Lecture Notes, Dep't. of Math., Princeton University, Princeton, 1977.*

91. Thurston, W.P., Three dimensional manifolds, Kleinian groups and hyperbolic geometry. *Bull. Amer. Math. Soc. (N.S.)* **6** (1982), 357–381.
92. Tukia, P., On discrete groups of the unit disc and their isomorphisms. *Ann. Acad. Sci. Fenn. Ser. A.I.* **504** (1972), 45 pp.
93. Tukia, P., On two-dimensional quasiconformal groups. *Ann. Acad. Sci. Fenn. Ser. A.I.* **5** (1980), 73–78.
94. Tukia, P., The Hausdorff dimension of the limit set of a geometrically finite Kleinian group. *Acta Math.* **152** (1984), 120–140.
95. Tukia, P., On quasiconformal groups, (to appear).
96. Vinberg, E.B., Discrete groups generated by reflections in Lobachevsky spaces. *Mat. Sb.* **72** (114) (1967), 471–488 = *Math. USSR Sb.* **1** (1967), 429–444.
97. Wielenberg, N.J., Discrete Möbius groups, fundamental polyhedra and convergence. *Amer. J. Math.* **99** (1977), 861–877.
98. Wielenberg, N.J., Hyperbolic 3-manifolds which share a fundamental polyhedron, Riemann surfaces and related topics, *Annals of Math. Studies* no. 97, pp. 505–513, Princeton University Press, Princeton, 1981.
99. Wolf, J., *Spaces of constant curvature*, Publish or Perish, 1974.
100. Wolpert, S., An elementary formula for the Fenchel-Nielsen twist. *Comment. Math. Helv.* **56** (1981), 132–135.
101. Yamamoto, H., Squeezing deformations in Schottky spaces, *J. Math. Soc. Japan* **31** (1979), 227–243.
102. Yamamoto, H., Constructibility and geometric finiteness of Kleinian groups. *Tôhoku Math. J.* (2) **32** (1980) no. 3, 353–362.
103. Zarrow, R., Classical and non-classical Schottky groups. *Duke Math. J.*, **42** (1975), 717–724.
104. Zieschang, H, Vogt, E. und Coldewey, H.D., *Flächen und ebene diskontinuierliche Gruppen*, Springer-Verlag, Berlin New York, 1970.

# Special Symbols

$\mathbb{A}^n$  53

$\mathbb{B}^n$  53

$\hat{\mathbb{C}}$  1

$\bar{\partial}$  115

${}^\circ\bar{\partial}$  115

$\text{dia}$  10, 16

$\text{dia}_E$  10

$\mathbb{E}^n$  53

$\hat{\mathbb{E}}^n$  53

$\mathbb{L}^n$  54

$\mathbb{M}$  1

$\tilde{\mathbb{M}}$  2

$\mathbb{O}^n$  53

$\mathbb{S}^n$  53

$\text{Stab}$  23

$\text{tr}$  2

$\mathcal{A}$  21

$\tilde{\mathcal{A}}$  32

$\Sigma'$  17

${}^\circ\Omega$  15

$\Omega$  23

$\langle \cdot, \cdot, \dots \rangle$  19, 249

$\langle \cdot, \cdot, \dots; \cdot = \cdot =, \dots = 1 \rangle$  85

$[\cdot, \cdot]$  11

# Index

- accidental parabolic transformation 222
- Accola, R.D.M. 222
- Ahlfors, L.V. 216
- Ahlfors' finiteness theorem 28, 175, 205, 249, 314
- algebraic convergence 97
- analytically finite (Riemann surface or (disconnected) Riemann surface) 27
  - – Kleinian group 28
- angle width 186
- arc 28
- associated orbifold 128
  - 3-manifold 128
- atom 204
- axis 105, 106
  - (of an accidental parabolic transformation) 222
  - full 232
- B*-group 214
- Baumslag, G. 212
- bending 178, 181, 212
- Bers, L. 232
- block 141
  - strong 141
- boundary arc 106
  - element 106
  - geodesic 106
  - half-space 106
  - loop 256
- branch point—see special point
- branched regular covering 49
  - universal covering 50
- building block 107
- Chuckrow, V. 97, 240
- circle at infinity 103
- component of a Kleinian group 24
  - invariant 84
  - primary 243, 260
  - secondary 264
  - subgroup 98
- conformal 55
- conjugate point 3
- connector 272
- convex region 65
  - – of a Fuchsian group 106
- covering 41
  - equivalent 42
  - regular 42
- curve 28
- cuspidal region 117
- cuspidal region 117
- cutting an edge 175
- cutting and pasting 32
- cycle of edges 69
  - – infinite 79
- cycle transformation 69
  - – infinite 79
- deck group 44
- defining subgroup 42
- deformation 36
  - of a Fuchsian group 203
- degenerate group 217, 236
- derived group 198
- dihedral group 88
  - – infinite 92, 95
- dilation 54
- Dirichlet region 71
- disc, imaginary 275
  - removed 27
- discontinuity 23
  - free 15
- dissection 28
- divider 262
- double dihedral group 102, 177
- doubly cusped region 117

- edge 68
- elementary group 23
- elliptic group 92
  - modular group 133
- essentially finite (fundamental polyhedron) 121
- Euclidean group 91
- extended Fuchsian group 195
  - quasifuchsian group 196
- extremal length 214
- face 68
- fiber 41
- filling a region 174
- Ford region 32, 72
- free product 136
- Fuchsian model 217
- function group 84, 216
- fractional reflection 2
- fundamental domain 29
- fundamental polyhedron 69
- fundamental set 32
  - – constrained 13
  - – maximal 138, 160
- geometric generator (of an elliptic transformation) 36
- Gromov, M. 250
- half-turn 7, 85
- height 53
- HNN extension 157
- horoball 82, 116
  - extended 120
- horocycle 7
- horosphere 116
- hyperbolic space 54
- index (of a covering) 48
- induced isomorphism 36, 85
- infinite edge 79
- inside boundary (of a convex region) 65
- interactive pair 136
  - – proper 138
- interactive triple 158
  - – proper 160
- invariant ball 64
- inversion (see also reflection) 54
- isometric circle 9
  - sphere 71
- jointly blocked discs 160
- Jørgensen, T. 19, 97
- killing a component 175
- kind, of a Fuchsian group 103
  - of a Kleinian group 168
- Klein’s combination theorem 139
- Koebe group 291
- length of a normal form, amalgated free product 136
  - – – HNN extension 157
- lift 41, 46
- limit point 21
- limit set 21
- locally free group 198
- loop 28
  - simple 28
- marked Riemann surface 26
  - 2-complex 271
- minimal rotation 36
- Möbius group 54
- multiplier of a transformation 5
- nested set of axes 108
  - – of simple loops 149
  - – of spheres 56
- nice neighborhood 15, 24, 49
- Nielsen isomorphism theorem 109, 227, 235
- non-elementary group 23
- normal form for an amalgated free product 136
  - – for an HNN extension 157
  - – for a loxodromic or elliptic transformation 6
  - – for a parabolic transformation 5
- normalization 16
- outside boundary (of a convex region) 65
- outside disc 243, 257
- pair of pants 107
- panel 35
- part, of a signature 272
  - imaginary 275
  - real 275
- path 28
- Picard group 82, 207, 212
- point of approximation 22, 122
- planar surface 250
- planarity theorem 251
- Poincaré metric 54
- Poincaré’s polyhedron theorem 75
- polyhedron 68

- precisely embedded 145
  - invariant 24, 35, 36
- presentation 85
- preliminary divider 259
  - structure loop 259
  - region 259
  - subgroup 260
- projection 41
- puncture 27
  
- quasifuchsian group 192, 217, 232
  
- ramification number 49, 84
  - point—see special point
- rank (of a Euclidean group) 91
- reflection 2, 58
- Riemann surface (disconnected) 25
- rotation 54
  
- Schottky group 82, 113, 168, 184, 311
  - infinite 171
  - number 271
  - type group 82, 169
- Schwarzian derivative 248
- side 29, 68
  - pairing transformation 29, 69
- signature, admissible 282
  - basic 84
  - of a Kleinian group 271
  - real 280
  - theoretical 272
- similarity 85, 216
- simple (element of a Fuchsian group) 105
- sliding 178, 181, 191
  
- small loop 49
- spanning disc 142
- special point 26, 49
- sphere at infinity 60
- spur 45
- stabilizer 23
- stereographic projection 4, 59
- strip 223
- structure loop 243, 262
  - region 243, 262
  - subgroup 243, 263
- system of loops 107
  
- Teichmüller space 36
- Thurston, W., 25, 134, 135, 170
- topologically finite (Riemann surface) 26
- trace 2
- translation 54
- triangle group 91, 92, 95
- true axis 106
  - of an accidental parabolic transformation 222
- type-preserving isomorphism 37
  - similarity 217
  
- unit 107
- universal covering 42
  
- vertex 30
- vertical 53
  
- wildly embedded circle 202
  
- Yamamoto, H. 216



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