

Referências Bibliográficas

- [1] BERMAN, A.; PLEMMONS, R.. **Nonnegative matrices in the mathematical sciences**. Academic press, New York, 1979.
- [2] BESTVINA, M.; HANDEL, M.. **Train tracks and automorphisms of free groups**. *Ann. Math.*, 135:1–51, 1992.
- [3] BESTVINA, M.; HANDEL, M.. **Train-tracks for surface homeomorphisms**. *Topology*, 34(1):109–140, 1995.
- [4] BESTVINA, M.; FEIGHN, M. ; HANDEL, M.. **Laminations, trees, and irreducible automorphisms of free groups**. *GAFA, Geom. funct. anal.*, 7:215–244, 1997.
- [5] BING, R. H.. **The geometric topology of 3-manifolds**, volume 40 de **AMS Colloq. Publ.** American Mathematical Society, 1980.
- [6] BONAHO, F.. **Cobordism of automorphisms of surfaces**. *Ann. Sci. École Norm. Sup. (4)*, 16(2):237–270, 1983.
- [7] BONAHO, F.. **Geodesic laminations on surfaces**. In Lyubich et al. [30], p. 1–37.
- [8] BRINKMANN, P.. **An implementation of the Bestvina-Handel algorithm for surface homeomorphisms**. *Experimental Mathematics*, 9(2):235–240, 2000. Tanto o artigo quanto o programa estão disponíveis na página do autor: <http://www.math.uiuc.edu/~brinkman/>.
- [9] CASSON, A.; BLEILER, S.. **Automorphisms of Surfaces after Nielsen and Thurston**, volume 9 de **Student Texts**. London Math. Soc., 1988.
- [10] COLLINS, D. J.; TURNER, E. C.. **Efficient representatives for automorphisms of free groups**. *Michigan Mathematical Journal*, 41:443–464, 1994.
- [11] CONNES, A.. **Noncommutative Geometry**. Academic Press, 1994.

- [12] DICKS, W.; VENTURA, E.. **The group fixed by a family of injective endomorphisms of a free group.** Contemporary Math., 195, 1996.
- [13] FATHI, A.; LAUDENBACH, F. ; POENARU, V.. **Travaux de Thurston sur les Surfaces**, volume 66. Astérisque, 1979.
- [14] GABAI, D.; OERTEL, U.. **Essential laminations in 3-manifolds.** Ann. of Math., 130:41–73, 1989.
- [15] GERSTEN, S. M.; STALLINGS, J. R.. **Irreducible outer automorphisms of a free group.** Proceedings of the American Mathematical Society, 111(2), 1991.
- [16] GRIFFITHS, H. B.. **Automorphisms of a 3-dimensional handlebody.** Abh. Math. Sem. Univ. Hamburg, 26:191–210, 1963/1964.
- [17] GUILLEMIN, V.; POLLACK, A.. **Differential Topology.** Prentice-Hall, 1974.
- [18] HASSELBLATT, B.; KATOK, A.. **Introduction to the Theory of Dynamical Systems**, volume 54 de **Encyclopedia of Mathematics and its Applications.** Cambridge University Press, 1995.
- [19] HATCHER, A.. **3-manifolds.** Disponível na web page do autor, <http://www.math.cornell.edu/~hatcher>.
- [20] HATCHER, A.. **Measured lamination spaces for 3-manifolds.** Manuscript, <http://www.math.cornell.edu/~hatcher>.
- [21] HATCHER, A.; THURSTON, W.. **A presentation for the mapping class group of a closed orientable surface.** Topology, 19(3):221–237, 1980.
- [22] HEMPEL, J.. **3-Manifolds**, volume 86 de **Annals of mathematics studies.** Princeton University Press, 1976.
- [23] JACO, W.; SHALEN, P.. **Seifert fibered spaces in 3-manifolds.** Mem. Amer. Math. Soc, 220:1–192, 1979.
- [24] JACO, W.. **Lectures on Three-Manifold Topology.** Número 43 em Regional conference series in mathematics. AMS, 1980. Expository lectures from the CBMS regional conference held at the Virginia Polytechnic Institute and State University, October 8–12, 1977.

- [25] JACO, W.; OERTEL, U.. **An algorithm to decide if a 3-manifold is a Haken manifold.** *Topology*, 23(2):195–209, 1984.
- [26] JOHANNSON, K.. **Homotopy equivalences of 3-manifolds with boundaries.** Número 761 em *LNM*. Springer Verlag, 1979.
- [27] JOHANNSON, K.. **Topology and combinatorics of 3-manifolds.** Springer Verlag, 1995.
- [28] KRAMER, R.. **Dehn twists and handlebodies of genus two.** In: *LOW-DIMENSIONAL TOPOLOGY*, volume 20 de **Contemp. Math.**, p. 201–211, Providence, Rhode Island, 1983. American Mathematical Society.
- [29] LUSTIG, M.; OERTEL, U.. **Invariant laminations for diffeomorphisms of handlebodies.** *Oxford Q. J. of Math.*, 51(4):485–507, 2000.
- [30] Lyubich, M.; Milnor, J. W. ; Minsky, Y. N., editors. **Proceedings of the conference on Laminations and Foliations in Dynamics, Geometry and Topology, May 18-24, 1998, Stony Brook,** volume 269 de **Contemporary Mathematics**, Providence, Rhode Island, 2001. American Mathematical Society.
- [31] MASSEY, W.. **Algebraic Topology: An Introduction.** Harcourt, Brace & World, 1967. Republicado sob o mesmo nome em *Graduate Texts in Mathematics*, Springer-Verlag, 1977.
- [32] MASUR, H.. **Measured foliations and handlebodies.** *Ergod. Th. & Dynam. Sys.*, 6:99–116, 1986.
- [33] MCCULLOUGH, D.; MILLER, A.. **Homeomorphisms of 3-manifolds with compressible boundary.** *Mem. Amer. Math. Soc.*, 344:1–100, 1986.
- [34] MCCULLOUGH, D.. **Virtually geometrically finite mapping class groups of 3-manifolds.** *J. Diff. Geom.*, 33:1–65, 1991.
- [35] MINC, H.. **Non-negative Matrices.** John Wiley & Sons, 1988.
- [36] MOISE, E.. **Geometric Topology in Dimensions 2 and 3.** *Graduate Texts in Mathematics*. Springer-Verlag, Nova Iorque, 1977.
- [37] MOSHER, L.; OERTEL, U.. **Spaces which are not negatively curved.** *Comm. in Anal. and Geom.*, 6:67–140, 1991.

- [38] MUNKRES, J. R.. **Obstructions to smoothing piecewise-differentiable homeomorphisms**. Ann. of Math., 72:521–554, 1960.
- [39] OERTEL, U.. **Measured laminations in 3-manifolds**. Trans. Am. Math. Soc., 305(2):531–573, 1988.
- [40] OERTEL, U.. **Automorphisms of 3-dimensional handlebodies**. Topology, 41:363–410, 2002.
- [41] PENNER, R.. **A construction of pseudo-Anosov homeomorphisms**. Transactions of the american mathematical society, 310(1):179–197, 1988.
- [42] SAVELIEV, N.. **Lectures on the Topology of 3-Manifolds**. Walter de Gruyter, 1999.
- [43] SENETA, E.. **Non-negative Matrices**. Halsted Press, 1973.
- [44] STALLINGS, J.. **Group Theory and Three-dimensional Manifolds**. Número 4 em Yale mathematical monographs. Yale University Press, 1971.
- [45] SUZUKI, S.. **On homeomorphisms of a 3-dimensional handlebody**. Canadian J. Math., 29(1):111–124, 1977.
- [46] THURSTON, W.. **The geometry and topology of three-manifolds**, 1979. Notas de curso.
- [47] THURSTON, W.. **On the geometry and dynamics of diffeomorphisms of surfaces**. Bull. A.M.S., 19:417–431, 1988.
- [48] THURSTON, W.. **Three-Dimensional Geometry and Topology**, volume 1. Princeton University Press, Princeton, NJ, 1997.
- [49] WAJNRYB, B.. **Mapping class group of a handlebody**. Fundamenta Mathematicae, 158:195–228, 1998.
- [50] WHITEHEAD, J. H. C.. **On 2-spheres in 3-manifolds**. Bull. Amer. Math. Soc., 64:161–166, 1958.
- [51] ZIESCHANG, H.. **Finite Groups of Mapping Classes of Surfaces**, volume 875 de **Lecture Notes in Mathematics**. Springer Verlag, 1981.