

References

- [A1] Arnol'd, V.I.: Lectures on bifurcations in versal families, Russian Math. Surveys 27 (1972), 54-123.
- [A2] Arnol'd, V.I.: Critical points of smooth functions, Proc. Int. Congr. Math. Vancouver 1974, pp. 19-39.
- [A3] Arnol'd, V.I.: Ordinary Differential Equations, MIT Press, Cambridge Mass. 1973.
- [A4] Arnol'd, V.I.: Geometrical Methods in the Theory of Ordinary Differential Equations, Springer-Verlag, New York 1983.
- [A5] Arnol'd, V.I.: Mathematical Methods of Classical Mechanics, Springer-Verlag, New York 1978.
- [A6] Arnol'd, V.I.: Catastrophe Theory, Springer-Verlag, Berlin-Heidelberg-New York 1984 (3rd edition 1992).
- [A7] Arnol'd, V.I.: Catastrophe Theory, Section II in Dynamical Systems V, Encyclopaedia of Mathematical Sciences Vol.5, Springer-Verlag, Berlin-Heidelberg-New York 1994.
- [AA] Anosov, D.V., Aranson, S.Kh., Arnold, V.I., Bronshtein, I.U., Grines, V.Z., Il'yashenko, Yu.S.: Ordinary Differential Equations and Smooth Dynamical Systems, Springer-Verlag, Berlin Heidelberg 1997.
- [AG] Arnol'd, V.I., Gussein-Zade, S.M., Varchenko, A.N.: Singularities of Differentiable Maps, Vol.1, Birkhäuser, Basel 1985.
- [AK] Arnol'd, V.I., Kozlov, V.V., Neishtadt, A.I.: Dynamical Systems III: Mathematical Aspects of Classical and Celestial Mechanics, Encyclopaedia of Math. Sciences Vol 3, Springer-Verlag, Berlin Heidelberg 1988.
- [AM] Abraham, R., Marsden, J.E.: Foundations of Mechanics (2nd Ed.), Benjamin/Cummings, Reading, Mass. 1978.
- [AP] Arrowsmith, D.K., Place, C.M.: An Introduction to Dynamical Systems, Cambridge University Press, 1990.
- [AR] Abraham, R., Robbin, J.: Transversal Mappings and Flows, Benjamin-Cummings, Reading, Mass. 1967.
- [AS] Abraham, R.S., Shaw, C.D.: Dynamics: The Geometry of Behavior, Ariel Press, Santa Cruz 1988.
- [BE] Berlinski, D.: On Systems Analysis, An Essay Concerning the Limitations of Some Mathematical Methods in the Social, Political and Biological Sciences, MIT Press, Cambridge, Mass. 1976.
- [BG] Bruce, J.W., Giblin, P.J.: Curves and Singularities, Cambridge University Press 1984 (2nd ed. 1992).
- [BN] Bennequin, D.: Caustique mystique (d'après Arnol'd et al.), Séminaire Bourbaki 1984/85, Exposé 634, pp. 19-56, Astérisque 133-134, Soc. Mat. de France 1986.
- [BO] Boer, J.-B.: Théorie universelle des systèmes dynamiques, Paris 1983.
- [BT] Bogolyubov, A.I., Novikov, M.M., ...: Séminaire Bourbaki 1983/84, Progrès 92, pp. 113-118, Astérisque 133-134, Soc. Mat. de France 1986.
- [BR] Bröcker, T., Lander, F.: Differentiable Germs and Catastrophes, London Math. Soc. Lecture Notes 17, Cambridge University Press 1973.
- [CH] Cetilibas, D.P., Husey, S.A.: Catastrophe Theory, Addison Wesley Publishing, Mass. 1983.
- [CO] Copier, R.T.: The immersion conjecture for differentiable manifolds, Annals of Math. 135 (1982), 237-258.
- [DO] Dowkowicz, B.: 1970 Verses after Gass, Soc. Mat. de France 1970.
- [GE] Guittard, H.: Catastrophe Theory for Scientists and Engineers, Wiley New Jersey 1971.

- [BO] Bost, J.-B.: Tores invariants des systèmes dynamiques hamiltoniens (d'après Kolmogorov, Arnold, Moser, ...), Séminaire Bourbaki 1984/85, Exposé 639, pp. 113-157, Astérisque 133-134, Soc. Mat. de France 1986.
- [BL] Bröcker, Th., Lander, L.: Differentiable Germs and Catastrophes, London Math. Soc. Lecture Notes 17, Cambridge University Press 1975.
- [CH] Castrigiano, D.P.L., Hayes, S.A.: Catastrophe Theory, Addison Wesley, Reading, Mass. 1993.
- [CO] Cohen, R.L.: The immersion conjecture for differentiable manifolds, Annals of Math. 122 (1985), 237-328.
- [DO] Dombrowski, P.: 150 years after Gauss' *Disquisitiones generales circa superficies curvas*, Astérisque 62, Soc. Mat. de France 1979.
- [GE] Gilmore, R.: Catastrophe Theory for Scientists and Engineers, Wiley, New York 1981.
- [GG] Golubitsky, M., Guillemin, V.: Stable Mappings and Their Singularities, Springer-Verlag, New York 1973.
- [GH] Guckenheimer, J., Holmes, P.: Nonlinear Oscillations, Dynamical Systems, and Bifurcations of Vector Fields, Springer-Verlag, New York 1983.
- [GI] Gitler, S.: Immersion and embedding of manifolds, Proc. Symp. in Pure Math., Amer. Math. Soc., 22 (1971), 87-96.
- [GS] Golubitsky, M., Schaeffer, D.G., Stewart, I.: Singularities and Groups in Bifurcation Theory, Vols.I,II, Springer-Verlag, New York 1985, 1988.
- [GW] Gibson, C.G., Wirthmüller, K., du Plessis, A.A., Looijenga, E.J.N.: Topological Stability of Smooth Mappings, Lecture Notes in Math. 552, Springer-Verlag, Berlin-Heidelberg-New York 1976.
- [HA] Hartman, P.: Ordinary Differential Equations, Wiley, New York 1967.
- [HM] Dieudonné, J. (ed.): Abrégé d'histoire des mathématiques 1700-1900, Hermann, Paris 1978. Hermann, Paris 1978.
- [HS] Hirsch, M., Smale, S.: Differential Equations, Dynamical Systems and Linear Algebra, Academic Press, New York 1974.
- [IR] Irwin, M.: Smooth Dynamical Systems, Academic Press, New York 1980.
- [KH] Katok, A., Hasselblatt, B.: Introduction to the Modern Theory of Dynamical Systems, Cambridge University Press 1995.
- [MA] Manheim, J.H.: The Genesis of Point Set Topology, Pergamon Press, Oxford 1964.
- [MR] Mather, J.: How to stratify mappings and jet spaces, pp.128-176 in Singularités d'Applications Différentiables, Plans-sur-Bex 1975, Lecture Notes in Math. 535, Springer-Verlag, Berlin-Heidelberg-New York 1976.
- [MV] Medved', M.: Fundamentals of Dynamical Systems and Bifurcation Theory, Adam Hilger, Bristol 1992.
- [NE] Nelson, E.: Topics in Dynamics – I: Flows, Math. Notes 9, Princeton Univ. Press, NJ 1969.
- [PM] Palis, J., de Melo, W.: Geometric Theory of Dynamical Systems, an Introduction, Springer-Verlag, New York 1982.
- [PS] Poston, T., Stewart, I.: Catastrophe Theory and its Applications, Pitman, London 1978.
- [RO] Robinson, C.: Dynamical Systems, CRC Press Inc., Boca Raton 1995.
- [T2] Thom, R.: Structural Stability and Morphogenesis, Benjamin, Reading, Mass. 1975 (orig. French edition 1972).
- [ZE] Zeeman, E.C.: Catastrophe Theory, Selected Papers 1972-77, Addison-Wesley, London 1977.