

References

- [Abh90] S.S. Abhyankar, *Algebraic Geometry for Scientists and Engineers*, Amer.Math.Soc. (1990)
- [AdL94] W.W. Adams, P. Loustau, *An Introduction to Gröbner Bases*, AMS, Providence, RI, Graduate studies in math., vol.3 (1994)
- [Baj94] C.L. Bajaj, *Algebraic Geometry and Applications*, Springer (1994)
- [BCL83] B. Buchberger, G.E. Collins, R. Loos, *Computer Algebra — Symbolic and Algebraic Computation*, 2nd ed., Springer-Verlag Wien New York (1983)
- [BeW93] T. Becker, V. Weispfenning, *Gröbner Bases — A Computational Approach to Commutative Algebra*, Springer-Verlag, Berlin, Graduate texts in math., vol.141 (1993)
- [BrK81] E. Brieskorn, H. Knörrer, *Ebene algebraische Kurven*, Birkhäuser (1981)
- [BuW98] B. Buchberger, F. Winkler (eds.), *Gröbner Bases and Applications*, London Mathematical Society Lecture Notes Series 251, Cambridge Univ. Press (1998)
- [CLO97] D. Cox, J. Little, D. O’Shea, *Ideal, Varieties, and Algorithms*, 2nd edition, Springer (1997)
- [CLO98] D. Cox, J. Little, D. O’Shea, *Using Algebraic Geometry*, Springer (1998)
- [Eis95] D. Eisenbud, *Commutative Algebra with a View Toward Algebraic Geometry*, Springer (1995)
- [EiH92] D. Eisenbud, J. Harris, *Schemes: The Language of Modern Algebraic Geometry*, Wadworth & Brooks/Cole (1992)
- [Ful69] W. Fulton, *Algebraic Curves*, Benjamin/Cummings (1969)
- [Gro68] W. Gröbner, *Algebraische Geometrie I, II*, B.I. Hochschultaschenbücher (1968/70)
- [Har77] R. Hartshorne, *Algebraic Geometry*, Springer (1977)
- [KaS95] M. Kalkbrener, B. Sturmfels, “Initial complexes of prime ideals”, *Advances in Mathematics* 116/2, 365–376 (1995)
- [Kun85] E. Kunz, *Introduction to Commutative Algebra and Algebraic Geometry*, Birkhäuser (1985)
- [KrW91] H. Kredel, V. Weispfenning, “Computing dimension and independent sets for polynomial ideals”, *J. Symbolic Computation* 12/6, 607–631 (1991)
- [Lan58] S. Lang, *Introduction to Algebraic Geometry*, Interscience Publ. (1958)
- [Rei88] M. Reid, *Undergraduate Algebraic Geometry*, Cambridge Univ. Press (1988)
- [Sch72] I.R. Schafarewitsch, *Grundzüge der algebraischen Geometrie*, Vieweg (1972)

- [SeW91] J.R. Sendra, F. Winkler, “Symbolic Parametrization of Curves”, *J. Symbolic Computation* 12/6, 607–631 (1991)
- [SeW97] J.R. Sendra, F. Winkler, “Parametrization of Algebraic Curves over Optimal Field Extensions”, *J. Symbolic Computation* 23/2&3, 191–207 (1997)
- [SWP08] J.R. Sendra, F. Winkler, S. Pérez-Díaz, *Rational Algebraic Curves – A Computer Algebra Approach*, Springer (2008)
- [SiT92] J.H. Silverman, J. Tate, “Rational Points on Elliptic Curves”, Springer-Verlag (1992)
- [TrW00] Q.-N. Tran, F. Winkler (eds.), “Applications of the Gröbner Basis Method”, *J. Symbolic Computation* 30/4 (2000)
- [Wae70] B.L. van der Waerden, *Algebra I, II*, Ungar, New York (1970)
- [Wal50] R.J. Walker, *Algebraic Curves*, Springer (1950)
- [Win96] F. Winkler, *Polynomial Algorithms in Computer Algebra*, Springer (1996)
- [Zar69] O. Zariski, *An Introduction to the Theory of Algebraic Surfaces*, Springer (1969)
- [ZaS58] O. Zariski, P. Samuel, *Commutative Algebra I, II*, Springer (1958/60)