

Tropical Geometry
Introductory Workshop, August 24–28, 2009

- D. Cox, J. Little & D. O’Shea, *Ideals, varieties, and algorithms: an introduction to computational algebraic geometry and commutative algebra*, 3rd ed., Undergraduate Texts in Mathematics, Springer, New York, 2007. [MR2290010 \(2007h:13036\)](#), ISBN 978-0-387-35650-1; 0-387-35650-9
- D. Eisenbud, *Commutative algebra with a view toward algebraic geometry*, Graduate Texts in Mathematics **150**, Springer, New York, 1995. [MR1322960 \(97a:13001\)](#), ISBN: 0-387-94268-8; 0-387-94269-6
- I. M. Gelfand, M. M. Kapranov & A. V. Zelevinsky, *Discriminants, resultants, and multidimensional determinants*, Birkhäuser, Boston, 1994. [MR1264417 \(95e:14045\)](#), ISBN: 0-8176-3660-9
- I. Itenberg, G. Mikhalkin & E. Shustin, *Tropical algebraic geometry*, 2nd ed., Oberwolfach Seminars **35**, Birkhäuser, Basel, 2009. [MR2508011](#), ISBN: 978-3-0346-0047-7
- I. R. Shafarevich, *Basic algebraic geometry, 1: Varieties in projective space*, 2nd ed., Springer, Berlin, 1994. Translated from the 1988 Russian edition and with notes by Miles Reid. [MR1328833 \(95m:14001\)](#), ISBN: 3-540-54812-2
- I. R. Shafarevich, *Basic algebraic geometry, 2: Schemes and complex manifolds*, 2nd ed., Springer, Berlin, 1997. Translated from the 1988 Russian edition and with notes by Miles Reid. [MR1328834 \(95m:14002\)](#), ISBN: 3-540-57554-5
- R. P. Stanley, *Enumerative combinatorics*, Vol. 1, Cambridge Studies in Advanced Mathematics **49**, Cambridge University Press, Cambridge, 1997. With a foreword by Gian-Carlo Rota, Corrected reprint of the 1986 original. [MR1442260 \(98a:05001\)](#), ISBN: 0-521-55309-1; 0-521-66351-2
- B. Sturmfels, *Gröbner bases and convex polytopes*, University Lecture Series **8**, AMS, Providence, RI, 1996. [MR1363949 \(97b:13034\)](#), ISBN: 0-8218-0487-1
- G. M. Ziegler, *Lectures on polytopes*, Graduate Texts in Mathematics **152**, Springer, New York, 1995. [MR1311028 \(96a:52011\)](#), ISBN: 0-387-94365-X