

Toric Varieties
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- M. Atiyah and I. G. MacDonald, *Introduction to commutative algebra*, Addison-Wesley, Reading, MA, 1969.
- D. Cox, The homogeneous coordinate ring of a toric variety, *J. Algebraic Geom.* **4**:1 (1995), 17–50. http://www.msri.org/about/library/reading_lists/20090615-wkshp/1995-Cox.pdf
- D. Cox, J. Little and D. O’Shea, *Ideals, varieties and algorithms: an introduction to computational algebraic geometry and commutative algebra*, 3rd ed., Springer, New York, 2007. <http://dx.doi.org/10.1007/978-0-387-35651-8>
- M. Demazure, Sous-groupes algébriques de rang maximum du groupe de Cremona, *Ann. Sci. École Norm. Sup.* **3**:4 (1970), 507–588.
http://www.numdam.org/numdam-bin/item?id=ASENS_1970_4_3_4_507_0
- V. Danilov, The geometry of toric varieties, *Russian Math. Surveys* **33**:2 (1978), 97–154
<http://dx.doi.org/10.1070/RM1978v03n02ABEH002305>
Uspekhi Mat. Nauk **33**:2 (1978), 85–134.
- I. Dolgachev, *Lectures on invariant theory*, Cambridge University Press, Cambridge, 2003.
- D. Eisenbud, *Commutative algebra with a view toward algebraic geometry*, Springer, New York, 2000.
- D. Eisenbud and J. Harris, *The geometry of schemes*, Springer, New York, 2000.
- W. Fulton, *Introduction to toric varieties*, Princeton University Press, Princeton, NJ, 1993.
- J. Harris, *Algebraic geometry: a first course*, Springer, New York, 1992.
- R. Hartshorne, *Algebraic geometry*, Springer, New York, 1977.
- B. Hassett, *Introduction to algebraic geometry*, Cambridge University Press, Cambridge, 2007.
- A. Hatcher, *Algebraic topology*, Cambridge University Press, Cambridge, 2002.
- K. Hulek, *Elementary algebraic geometry*, AMS, Providence, RI, 2003.
- H. Matsumura, *Commutative ring theory*, Cambridge University Press, Cambridge, 1986.
- J. McCleary, *A user’s guide to spectral sequences*, Cambridge University Press, Cambridge, 2001.
- E. Miller and B. Sturmfels, *Combinatorial commutative algebra*, Springer, New York, 2005.

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J. Munkres, *Elements of algebraic topology*, Addison-Wesley, Reading, MA, 1984. Reprinted by Westview Press, Boulder, CO.

T. Oda, *Torus embeddings and applications. Based on joint work with Katsuya Miyake*, Tata Institute of Fundamental Research, Bombay; Springer, Berlin, 1978.

T. Oda, *Convex bodies and algebraic geometry*, Springer, New York, 1988.

M. Reid, *Undergraduate algebraic geometry*, Cambridge University Press, Cambridge, 1989.

H. Schenck, *Computational algebraic geometry*, Cambridge University Press, Cambridge, 2003.

J.-P. Serre, Faisceaux algébriques cohérents, *Ann. Math.* **61**:2, (1955), 197–278.
<http://www.jstor.org/stable/1969915>

I. Shafarevich, *Basic algebraic geometry*, v. 1 and 2, Springer, New York, 1994 and 1996.

K. Ueno, *Algebraic geometry 2*, AMS, Providence, RI, 2001.

C. Weibel, *An introduction to homological algebra*, Cambridge University Press, Cambridge, 1994.

G. Ziegler, *Lectures on polytopes*, Springer, 1995.