Bourbaki, Nicolas
Elements of mathematics. Commutative algebra. Chapters 1-7. Transl. from the French. 2nd printing. (English) Zbl 0666.13001
Berlin etc.: Springer-Verlag. x, 625 p. DM 108.00 (1989).

This is the second edition of the English translation (published 1972; see Zbl 0279.13001) of the author’s famous “Algèbre commutative”, previously published in several chapters separately.

MSC:
13-02 Research exposition (monographs, survey articles) pertaining to commutative algebra
13-01 Introductory exposition (textbooks, tutorial papers, etc.) pertaining to commutative algebra
13Cxx Theory of modules and ideals in commutative rings
13Jxx Topological rings and modules
13A15 Ideals and multiplicative ideal theory in commutative rings
13A18 Valuations and their generalizations for commutative rings
14C20 Divisors, linear systems, invertible sheaves

Keywords:
flat modules; localization; graduation; prime ideals; primary ideals; integers; valuations; divisors