

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. (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

Cited in **2** Reviews
Cited in **123** Documents

Keywords:

[flat modules](#); [localization](#); [graduation](#); [prime ideals](#); [primary ideals](#); [integers](#); [valuations](#); [divisors](#)