

**Bourbaki, N.**

**Elements of mathematics. Algebra. Chapter 10: Homological algebra. (Ehlementy matematiki. Algebra. Glava 10: Gomologicheskaya algebra).** Transl. from the French by **E. S. Golod. Ed. by A. I. Kostrikin.** (Russian) [Zbl 0623.18008](#)

Moskva: "Nauka". Glavnaya Redaktsiya Fiziko-Matematicheskoy Literatury. 184 p. (1987).

See the review of the French original (1980) in [Zbl 0455.18010](#).

**MSC:**

[18Gxx](#) Homological algebra in category theory, derived categories and functors

Cited in **44** Documents

[18E10](#) Abelian categories, Grothendieck categories

[18-02](#) Research exposition (monographs, survey articles) pertaining to category theory

**Keywords:**

flat modules; injective modules; complexes of modules; homotopy; split exact sequences; homology; Euler-Poincaré characteristic; resolutions; Tor; Ext; universal coefficient formulas; Grothendieck groups; Brauer groups; homological dimension; Koszul complexes; Hilbert theorem on syzygies; group cohomology; Galois cohomology; Dedekind rings; Prüfer ring; perfect rings; coherent modules; simplicial schemes; double complexes; Lie algebra cohomology