

**Stanley, Richard P.**

**Combinatorics and commutative algebra. 2nd ed.** (English) [Zbl 0838.13008](#)  
*Progress in Mathematics* (Boston, Mass.). 41. Basel: Birkhäuser. vi, 164 p. (1996).

This is the second edition of a volume reviewed previously (first edition 1983; [Zbl 0537.13009](#)). The comments made by the reviewer of the first edition still hold. In this edition, the author added a chapter concerning new work on the face ring of a simplicial complex. He also added a collection of exercises.

Reviewer: [R.Stanton \(Winnipeg\)](#)

**MSC:**

- [13C13](#) Other special types of modules and ideals in commutative rings
- [05-02](#) Research exposition (monographs, survey articles) pertaining to combinatorics
- [13-02](#) Research exposition (monographs, survey articles) pertaining to commutative algebra
- [55U10](#) Simplicial sets and complexes in algebraic topology

Cited in **12** Reviews  
Cited in **471** Documents

**Keywords:**

[face ring](#)