

Burke, Dennis K.

Covering properties. (English) [Zbl 0569.54022](#)
Handbook of set-theoretic topology, 347-422 (1984).

[For the entire collection see [Zbl 0546.00022](#).]

The contents are best described by the author in his introduction: "This chapter (of the handbook) emphasizes certain characterizations of different covering properties, relationships among them, and invariance under mappings, products, subspaces and sums.... By necessity most of the applications of covering properties could not be included here... [nor are the] countable versions of covering properties (such as countably paracompact)...."

Reviewer: [D.E.Cameron](#)

MSC:

- [54D20](#) Noncompact covering properties (paracompact, Lindelöf, etc.)
- [54D30](#) Compactness
- [54B05](#) Subspaces in general topology
- [54B10](#) Product spaces in general topology
- [54B15](#) Quotient spaces, decompositions in general topology
- [54D45](#) Local compactness, σ -compactness

Cited in **6** Reviews
Cited in **32** Documents

Keywords:

[paracompactness](#); [pseudocompactness](#); [countable compactness](#)