

**Johnstone, Peter T.**

**Stone spaces.** (English) Zbl 0499.54001

*Cambridge Studies in Advanced Mathematics*, 3. Cambridge etc.: Cambridge University Press. XXI, 370 p. £32.50 (1982).

For a scan of this review see the [web version](#).

**MSC:**

- 54-02 Research exposition (monographs, survey articles) pertaining to general topology
- 06-02 Research exposition (monographs, survey articles) pertaining to ordered structures
- 03G30 Categorical logic, topoi
- 18B30 Categories of topological spaces and continuous mappings (MSC2010)
- 06C20 Complemented modular lattices, continuous geometries
- 06E15 Stone spaces (Boolean spaces) and related structures
- 18A15 Foundations, relations to logic and deductive systems
- 18B25 Topoi
- 54B20 Hyperspaces in general topology
- 54D30 Compactness
- 18-02 Research exposition (monographs, survey articles) pertaining to category theory

Cited in **42** Reviews  
Cited in **789** Documents

**Keywords:**

Boolean algebras; frames; locales; monads; free objects in varieties of lattices; compact Hausdorff spaces; continuous real-valued functions; representations of rings; profiniteness and duality; continuous lattices; Kakutani's theory of M-spaces; sheaf theory; categorical logic; global-section representations of rings; Keimel's L-ring representation; F-rings; Pontrjagin-type dualities; exponentiable locales