

# Stone Spaces versus Priestley Spaces

Margarida Dias

We describe situations where the Stone spaces naturally replace the Priestley spaces as well as how differently they behave in several aspects.

## REFERENCES

- [1] B. Banaschewski, *Über nulldimensionale Räume*, Math. Nache 13 (1955) 129-140.
- [2] F. Borceux and J. Janelidze, *Galois Theories*, Cambridge University Press (2001).
- [3] M. Dias and M. Sobral, *Descent for Priestley Spaces*, Appl. Categor. Struct 14 (2006) 229-241.
- [4] B. A. Davey and H. A. Priestley, *Introduction to Lattices and Order*, Cambridge Mathematical Textbooks (1990).
- [5] R. Engelking and S. Mrówka, *On E-compact spaces*, Bull Sér, Sci Math. Astronom. Phys 6 (1958) 429-436.
- [6] D. Hofmann, *On a generalization of the Stone-Weierstrass Theorem*, Appl. Categ. Struct 10 (2002) 569-592.
- [7] P. Jonhstone, *Stone Spaces*, Cambridge University Press (1992).
- [8] L. Nachbin, *Topology and order*, Van Nostrand, Princeton, Toronto, New York, London (1965).
- [9] R. C. Walter, *The Stone-Čech Compactification*, Springer-Verlag Berlin Heidelberg New York (1974).