

Joshi, Vinayak; Kavishwar, Shubhangi
 z -ideals in lattices. (English) [Zbl 1438.06008](#)
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The authors define z -ideals in bounded lattices. They establish a separation theorem for the existence of prime z -ideals in distributive lattices. It follows that in these lattices every z -ideal is the intersection of some prime z -ideals. Finally they present a characterization of dually semi-complemented lattices in terms of maximal ideals.

Reviewer: [Hans Peter Künzi \(Rondebosch\)](#)

MSC:

06B10 Lattice ideals, congruence relations
06D05 Structure and representation theory of distributive lattices

Keywords:

z -ideals; Baer ideal; 0-ideal; closed ideal; minimal prime ideal; maximal ideal; dense ideal; dually semi-complemented lattice

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