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**Spectral topologies of dually residuated lattice-ordered monoids.** (English) Zbl 1080.06023  
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Summary: Dually residuated lattice-ordered monoids (*DRℓ*-monoids for short) generalize lattice-ordered groups and include for instance also GMV-algebras (pseudo MV-algebras), a non-commutative extension of MV-algebras. In the present paper, the spectral topology of proper prime ideals is introduced and studied.

**MSC:**

06F05 Ordered semigroups and monoids  
06D35 MV-algebras

**Keywords:**

*DRℓ*-monoid; prime ideal; spectrum

**Full Text:** [EMIS](#) [EuDML](#)