

**Chajda, Ivan; Morávková, Zuzana**

**Relatively complemented ordered sets.** (English) Zbl 0983.06002

Discuss. Math., Gen. Algebra Appl. 20, No. 2, 207-217 (2000).

The authors investigate conditions for the existence of relative complements in ordered sets. For relatively complemented ordered sets with 0 they show that each element  $b \neq 0$  is the least one of the set of all upper bounds of all atoms contained in  $b$ .

Reviewer: [Renata Majovská \(Horní Suchá\)](#)

**MSC:**

[06A06](#) Partial orders, general

[06C15](#) Complemented lattices, orthocomplemented lattices and posets

Cited in **1** Document

**Keywords:**

[modular ordered set](#); [relatively complemented ordered set](#); [atom](#)

**Full Text:** [DOI](#) [Link](#)