

Chajda, Ivan

Complemented ordered sets. (English) Zbl 0785.06002
Arch. Math., Brno 28, No. 1-2, 25-34 (1992).

The author generalizes the concept of lattice complement to ordered sets. He investigates basic properties of complemented ordered sets and determines connections between complementarity, modularity and distributivity. Finally, he describes a possibility to investigate geometrical systems which are more general than the projective planes.

Reviewer: [B.F.Šmarda \(Brno\)](#)

MSC:

[06A06](#) Partial orders, general

Cited in **12** Documents

Keywords:

complemented ordered sets; complementarity; modularity; distributivity; projective planes

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