

**Paseka, Jan**

**Operators on MV-algebras and their representations.** (English) Zbl 1314.06016  
Fuzzy Sets Syst. 232, 62-73 (2013).

Summary: A crucial problem concerning (tense) operators on MV-algebras is their representations. Having an MV-algebra with (tense) operators, we can ask if there exists a frame yielding a representation of this MV-algebra. We solve this problem for semisimple MV-algebras.

**MSC:**

**06D35** MV-algebras  
**03G25** Other algebras related to logic

Cited in **1** Review  
Cited in **10** Documents

**Keywords:**

tense MV-algebras; tense operators; semisimple MV-algebras; representations of MV-algebras; frames

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

**References:**

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