

**Hájek, P.**

**Arithmetical complexity of fuzzy predicate logics – a survey.** (English) Zbl 1093.03012  
Soft Comput. 9, No. 12, 935–941 (2005).

Summary: Results on arithmetical complexity of sets of tautologies and satisfiable formulas of various fuzzy logics (with respect to their standard t-norm-based semantics as well as with respect to their general BL-algebra-based semantics) are surveyed. Some new results are also obtained.

**MSC:**

**03B52** Fuzzy logic; logic of vagueness

**03D15** Complexity of computation (including implicit computational complexity)

**03G25** Other algebras related to logic

Cited in **1** Review  
Cited in **13** Documents

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

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