

# **FUZZY ANALOGUE OF SOME RESULTS ON BOLEAN AND HEYTING ALGEBRAS**

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## **Abstract**

The concept of fuzzy sets was first systematically investigated by Zadeh in [18], and has been the subject of vigorous development by many other mathematicians. Many classical results about groups, rings, Boolean algebras, Heyting algebras, and topological spaces can be extended to this more general setting. Sometime the classical methods can be adapted but frequently, more delicate arguments are required.