Extension of Probabilities Defined on MV-Algebras

Ioana LEUŞTEAN

University of Bucharest, Faculty of Mathematics Str.Academiei 14. 70109, Bucharest, Romania ioana@funinf.cs.unibuc.ro

Abstract

In this paper, we shall prove two extension results for continuous probabilities defined on an MV-algebra. One is a generalization of a result from [8] and the other is the MV-algebra version of a well-known extension theorem for Boolean probabilities.

Keywords: σ-complete MV-algebra, continuous probability.