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UNIQUENESS THEOREM IN COMPLETE RESIDUATED ALMOST DISTRIBUTIVE LATTICES

G.C. Rao   and   S.S. Raju

Department of Mathematics
Andhra University
Visakhpatanam - 530003, A.P., India

e-mail: gcraomaths@yahoo.co.in
ssrajumaths@gmail.com

Abstract

Important properties of primary elements in a complete residuated ADL L and the uniqueness theorem in a complete complemented residuated ADL L are proved.

Keywords: Almost Distributive Lattice (ADL), residuation, multiplication, residuated ADL, complete residuated ADL, primary decomposition, reduced primary decomposition and normal primary decomposition.

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