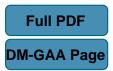
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## UNIQUENESS THEOREM IN COMPLETE RESIDUATED ALMOST DISTRIBUTIVE LATTICES

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## 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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