

TWO CONSTRUCTIONS OF DE MORGAN ALGEBRAS AND DE MORGAN QUASIRINGS

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Dedicated to Klaus Denecke on the occasion of his 65th birthday

Abstract

De Morgan quasirings are connected to De Morgan algebras in the same way as Boolean rings are connected to Boolean algebras. The aim of the paper is to establish a common axiom system for both De Morgan quasirings and De Morgan algebras and to show how an interval of a De Morgan algebra (or De Morgan quasiring) can be viewed as a De Morgan algebra (or De Morgan quasiring, respectively).

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