

ALL REGULAR-SOLID VARIETIES OF IDEMPOTENT SEMIRINGS

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Abstract

The lattice of all regular-solid varieties of semirings splits in two complete sublattices: the sublattice of all idempotent regular-solid varieties of semirings and the sublattice of all normal regular-solid varieties of semirings. In this paper, we discuss the idempotent part.

Keywords: semiring, hypersubstitution, regular hypersubstitution, regular hyperidentity, solid variety, regular-solid variety.

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