

THE CLIFFORD SEMIRING CONGRUENCES ON AN ADDITIVE REGULAR SEMIRING

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Abstract

A congruence ρ on a semiring S is called a (generalized)Clifford semiring congruence if S/ρ is a (generalized)Clifford semiring. Here we characterize the (generalized)Clifford congruences on a semiring whose additive reduct is a regular semigroup. Also we give an explicit description for the least (generalized)Clifford congruence on such semirings.

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