

COMMUTATIVITY THEOREMS ON SEMIRINGS

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Abstract

Motivated by some results on derivations in rings, in [2], we defined the notion of derivations and generalized derivations on semirings and investigated some simple and interesting results on the derivations in semirings. In this paper, we study some commutativity theorems on prime semirings and semiprime semirings with derivations.

Key Words : *Semirings, Derivations, Centralizing map, Commuting map.*

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