

PSEUDO-BCH-ALGEBRAS

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Abstract

The notion of pseudo-BCH-algebras is introduced, and some of their properties are investigated. Conditions for a pseudo-BCH-algebra to be a pseudo-BCI-algebra are given. Ideals and minimal elements in pseudo-BCH-algebras are considered.

Keywords: (pseudo-)BCK/BCI/BCH-algebra, minimal element, (closed) ideal, centre.

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