

ON TWO CLASSES OF PSEUDO-BCI-ALGEBRAS

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Abstract

The class of p -semisimple pseudo-BCI-algebras and the class of branchwise commutative pseudo-BCI-algebras are studied. It is proved that they form varieties. Some congruence properties of these varieties are displayed.

Keywords: pseudo-BCI-algebra, p -semisimplicity, branchwise commutativity.

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