

## 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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