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ON QI-ALGEBRAS

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Abstract

In this paper, the notion of a QI-algebra is introduced which is a generalization of a BI-algebra and there are studied its properties. We considered ideals, congruence kernels in a QI-algebra and characterized congruence kernels whenever a QI-algebra is right distributive.

Keywords: BI-algebra, QI-algebra, right distributive, ideal, congruence kernel.

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