



## QUASI FUZZY IDEAL ON *BCI*-ALGEBRA

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### Abstract

The present paper introduce the notion of quasi *BCI*-algebra  $X$  on fuzzy *BCI*-ideals and fuzzy implicative ideals and prove various properties. Moreover, we present the relation between quasi fuzzy implicative ideal and fuzzy commutative and positive implicative ideals through proved theorem.

**Keywords and phrases:** quasi, fuzzy ideal, quasi fuzzy *BCI*-ideal, quasi fuzzy implicative ideal, quasi commutative ideal, quasi fuzzy positive implicative ideal.

