

ABSTRAK

Derivasi *BCC*-aljabar merupakan pemetaan dari *BCC*-aljabar ke dirinya sendiri dengan pemetaan tersebut harus memenuhi derivasi- (r, l) sekaligus derivasi- (l, r) . Sesuai dengan konsep dari derivasi *BCC*-aljabar maka setiap derivasi *BCC*-aljabar bersifat reguler. Dengan menggunakan sifat-sifat pada derivasi *BCC*-aljabar dan sifat-sifat pada *BCC-ideal* akan dipelajari pula mengenai konsep *d-invariant*.

Kata kunci: *BCC*-aljabar, derivasi *BCC*-aljabar, *BCC-ideal*, *d-invariant*

ABSTRACT

Derivations of *BCC*-algebras is a mapping from *BCC*-algebras to itself that the mapping are such (r, l) -derivation and (l, r) -derivation. In according with the concept from derivations of *BCC*-algebras then every derivation of *BCC*-algebras is regular. By using some of properties of *BCC*-algebras and properties of *BCC*-ideal will be studied the concept for d -invariant.

Keyword : *BCC*-algebra, derivation of *BCC*-algebra, *BCC*-ideal, d -invariant