
Article ID: 2014-BJMCS-15901

Title: Filtrations and deductive systems in BCL^+ -algebras

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Comments

- (1) In Definition 2.2, if $(Y; *, 1)$ is a BCL^+ -algebra, then $(Y; \leq)$ is a partially ordered set. Of course, this is appeared in [2]. But, did you check it? How do you calculate the transitivity of " $\leq$ " ?
- (2) In Theorem 2.1, (iv) is not a property to prove. It is an axiom which is used in Definition 2.1.
- (3) Theorem 2.1(i) is incorrect since $(1 * (1 * 2)) = 3 \neq 1$ in [2, Table 1].
- (4) Theorem 2.1(ii) is incorrect since $3 * 1 = 3 \neq 1$ in [2, Table 1].
- (5) Line 69: why is this a definition?
- (6) The proof of Theorem 3.3 is incorrect.
- (7) There are so many (grammatical) typos. For example, Suppose that B be subalgebra ... etc.
- (8) In line 68, you said "Note that $x \vee y$ is an upper bound of x and y ." Is it true? How do you calculate it? If this is true, then Lemma 3.4 is surplus.
- (9) Examples of a filtration and a deductive system should be provided.

As a whole, the organization of this article is too rough.