

ERRATUM TO: “APPLICATION OF
 (m, n) - Γ -HYPERIDEALS IN CHARACTERIZATION OF
LA- Γ -SEMIHYPERGROUPS” BY ABUL BASAR

NIOVI KEHAYOPULU

Department of Mathematics
University of Athens
15784 Panepistimiopolis, Greece

e-mail: nkehayop@math.uoa.gr

Abstract

This note is written to show that the definition of the LA- Γ -hypersemigroup and the definition of the ordered LA- Γ -hypersemigroup in [2] should be corrected and that it is not enough to replace the “ Γ ” of the ordered LA- Γ -semigroup by “ $\circ\Gamma\circ$ ” to pass from an ordered LA- Γ -semigroup to an ordered LA- Γ -hypersemigroup. The definition of the (m, n) - Γ -hyperideal and the strange symbols used throughout the paper have no sense as well.

Keywords: LA- Γ -semihypergroup, ordered LA- Γ -semihypergroup, (m, n) - Γ -hyperideal.

2010 Mathematics Subject Classification: 06F99.

REFERENCES

- [1] A. Basar, *A note on (m, n) - Γ -ideals of ordered LA- Γ -semigroups*, Konuralp J. Math. **7** (2019) 107–111.
- [2] A. Basar, *Application of (m, n) - Γ -hyperideals in characterization of LA- Γ -semihypergroups*, Discuss. Math. Gen. Algebra Appl. **39** (2019) 135–147.
- [3] N. Kehayopulu, *On ordered Γ -semigroups*, Sci. Math. Jpn. **71** (2010) 179–185.
- [4] W. Khan, F. Yousafzai and M. Khan, *On generalized ideals of left almost semigroups*, Eur. J. Pure Appl. Math. **9** (2016) 277–291.

Received 15 January 2020

Revised 21 April 2020

Accepted 22 April 2020