Dedicated to Costică MUSTĂŢA on his 60th anniversary

REDUCTIONS OF n-SEMIGROUPS WITH RIGHT UNIT TO k-SEMIGROUPS

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Abstract. In this paper two procedures for reducing polyadic semigroups with right unit are given: k-reduce with respect to given elements, respectively associated k-semigroup of an n-semigroup. The two structures are isomorphic under certain conditions.

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