Buletinul Științific al Universității din Baia Mare Seria B, Matematică-Informatică, vol.XIII(1997), 5-10

A NOTE ON THE REDUCTION OF n-SEMIGROUPS OF FRACTIONS

Läcrimioara IANCU

Abstract. The paper deals with n-semigroups of fractions and their binary reducts. The main result, contained in Proposition 3, states that if we perform on a semicommutative n-semigroup a binary reduction followed by a construction of a semigroup of fractions or we start by constructing an n-semigroup of fractions and then a binary reduction, we are conducted at isomorphic semigroups.