

A NOTE ON THE REDUCTION OF n -SEMIGROUPS OF FRACTIONS

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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.