

Some endoprimal monoids on a three-element set

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For a set S of functions on a finite set A , the centralizer S^* of S is the set of functions which commute with all functions in S . For a monoid M of unary functions on A , M is *endoprimal* if the unary part of the bi-centralizer $(M^*)^*$ coincides with M itself. Endoprimal monoids have been studied in universal algebra. In this talk we present some endoprimal monoids on a 3-element set A . We also show some applications of Kuznetsov's Criterion.

This is a joint work with I. ROSENBERG.