Regular endomorphisms of some strong semilattices of semigroups

SOMNUEK WORAWISET

Carl von Ossietzky University, OLDENBURG

nuek_w@yahoo.com

In this talk we examine regular endomorphism monoids of some strong semilattices of semigroups. We also consider conditions under which such a monoid has additional properties, e.g. of being orthodox, completely regular, etc. We investigate such properties for endomorphism monoids of finite semilattices and of sets. For strong semilattices of semigroups, we focus on the case when the structure homomorphisms are either constant or isomorphism mappings.

The talk reports a joint work with U. KNAUER (Oldenburg).