
HOSSEIN IRAGHI MOGHADDAM, University of Manitoba

On Semigroups admitting Commutators or Conjugates

In this joint work with R. Padmanabhan, we define conjugates and commutators on a cancellative semigroup S , and then we introduce some commutator laws and prove certain equivalent statements when S admits comutators. Also when S only admits conjugates we prove that S can be embedded into a group.