

Thesis Title Maximal Inverse Subsemigroups on Some Semigroups

Author Worachead Sommanee

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Thesis Advisor Assoc. Prof. Jintana Sanwong

ABSTRACT

In this thesis, we characterize the maximal inverse subsemigroups of the multiplicative semigroup \mathbb{Z}_m . We also investigate the properties and find some forms of maximal inverse subsemigroups of the semigroup $T(X, Y)$. Moreover, the characterizations of Green's relations of $T(X, Y)$ are given.

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