

عنوان مقاله:

SOME CLASSIFICATIONS OF MONOIDS BY VARIOUS NOTIONS OF INJECTIVITY OF ACTS

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خلاصه مقاله:

This paper is a continuation of recent researches concerning generalization of injectivity of acts over monoids, namely, C-injectivity and InD-injectivity. We introduce new kinds of injectivity, such as, LC-injectivity and CQ-injectivity. Classifications of monoids by properties of these kinds of injective acts are presented. It is proved that a monoid S is completely (cyclic) injective if and only if it is completely quasi (CQ-) injective. Some results on quasi-injective acts are proved. Also new characterizations for right hereditary monoids and right PP-monoids are given.

کلمات کلیدی:

Locally cyclic (weakly) injective act, Indecomposable (weakly) injective act, C- injective act

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