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TORSION *M*-PURITY AND σ -PURITY

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Abstract

This paper is to relativize the concept of M-purity and σ -purity defined and studied by Azumaya [2] with respect to an arbitrary hereditary torsion theory given by a left exact torsion redical σ and also relate this concepts with the notions of σ -purity as given by B. B. Bhattacharya and D. P. Choudhury [3].

Key Words : Left R-modules, (FG, σ) -purity, σ -pure projective modules, Finitely σ -compact modules, Torsion purity, σ -pure injective modules.

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