



MI-INJECTIVE AND MI-FLAT MODULES

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Abstract

We introduce MI-injective modules and MI-flat modules. The properties and characterizations of these two classes of modules are provided. We also characterize rings such that all min-injective modules are min-flat in term of MI-flat modules.

Keywords and phrases: MI-injective module, MI-flat module, min-injective module, precover, preenvelope, coherent ring.

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