Regular semiartinian rings

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Abstract

We study the structure of rings over which every right module is an essential extension of a semisimple module by an injective one. A ring R is called a right max-ring if every nonzero right R-module has a maximal submodule. We describe normal regular semiartinian rings whose endomorphism ring of the minimal injective cogenerator is a max-ring. © 2012. Allerton Press, Inc.

Keywords

Injective module, Max-rings, Semiartinian rings, SI-rings