Generalized SV-modules

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Abstract

Given an arbitrary quasiprojective right R-module P, we prove that every module in the category σ(P) is weakly regular if and only if every module in σ(M/I(M)) is lifting, where M is a generating object in σ(P). In particular, we describe the rings over which every right module is weakly regular. © 2009 Pleiades Publishing, Ltd.

Keywords

Quasiprojective module, Semiartinian ring, SV-ring, Weakly regular module