عنوان مقاله:
بررسی مدول های رادیکال-H-مکمل پذیر

نویسندگان:

Y. Talebi - *Department of Mathematics, University of Mazandaran, Babolsar, Iran*

M. Mirkarim - *Department of Mathematics, University of Mazandaran, Babolsar, Iran*

خلاصه مقاله:

Let M be a right R-module. We call M Rad-H-supplemented iffor each Y M there exists a direct summand D of M such that(Y + D)/D (Rad(M) + D)/D and (Y + D)/Y (Rad(M) + Y)/Y .It is shown that:(1) Let M = M1 M2, where M1 is a fully invariant submodule of M.If M is Rad-H-supplemented, thenM1 andM2 are Rad-H-supplemented.(2) Let M = M1 M2 be a duo module and Rad- -supplemented. IfM1 is radical M2-sejective (or M2 is radical M1-sejective), then M isRad-H-supplemented. (3) Let M = ni=1Mi be a finite direct sum ofmodules. If Mi is generalized radical Mj-projective for all j > i andeach Mi is Rad-H-supplemented, then M is Rad-H-supplemented.

کلمات کلیدی:
Rad-H-supplemented module, FI – P – module, Rad-H-cofinitely supplemented module

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