

Oplus-Essential Supplemented Modules

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Abstract

In this work oplus-e-supplemented modules are defined and some properties of these modules are investigated. It is proved that the finite direct sum of oplus-e-supplemented modules is also oplus-e-supplemented. Let M be a distributive and oplus-e-supplemented R -module. Then every factor module and homomorphic image of M are oplus-e-supplemented. Let M be a oplus-e-supplemented R -module with SSP property. Then every direct summand of M is oplus-e-supplemented.

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