

Some Properties of Projective Modules

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Abstract

In this paper, the concepts of projective modules with their properties are discussed. Firstly, exact sequence, split exact sequence, direct sum, direct summand of R -modules and projective modules are defined. Then some properties of projective modules are established by using short exact sequence, direct sum and direct summand.

Key words: Exact sequence, direct sum, direct summand, projective module

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