

عنوان مقاله:

AN INTEGRAL DEPENDENCE IN MODULES OVER COMMUTATIVE RINGS

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خلاصه مقاله:

In this paper, a generalization of the integral dependence of rings on modules is given. The stability of the integral closure with respect to various module theoretic constructions is also studied. Moreover, the notion of integral extension of a module is introduced, and the Lying over, Going up and Going down theorems for modules are proved.

کلمات کلیدی:

Prime submodule, Integral element, Integrally closed

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