Turkish Journal of Mathematics

Integral Closure of an Ideal Relative to a Module and ∆-Closure

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Abstract: The aim in this paper is to give the relation between the ∆-closure of an ideal I in a commutative Noetherian ring R, (see [3]), and the integral closure of the ideal i relative to a Noetherian R-module (see (1.1). Definition) and to give the closure cancellation law