

quot_by_prime_ideal^{13,42}

$\forall r:\text{CRng}, p:\text{Ideal}(r)\{i\}, d:\text{detach_fun}(|r|;p).$

$(\forall u:|r|. \text{SqStable}(p(u))) \Rightarrow (\text{IsPrimeIdeal}(r;p) \iff \text{IsIntegDom}(r / d))$