

GOLDIE PRIME MODULES WITH CS CONDITION.

DO VAN THUAT 5536403 SCAM/M

M.Sc. (APPLIED MATHEMATICS)

THESIS ADVISORY COMMITTEE: NGUYEN VAN SANH, Ph.D. CHAIWAT MANEESAWARNG, Ph.D. , SOMSAK ORANKITJAROEN, Ph.D. ()

ABSTRACT

D. V. Huynh et al. (2000) found out the symmetry of the Goldie and CS conditions on prime rings. It was shown that a prime ring is right Goldie right CS with right uniform dimension greater than one if and only if it is left Goldie left CS with left uniform dimension greater than one. A semiprime ring is right Goldie left CS if and only if it is left Goldie, right CS. In this thesis, we apply D. V. Huynh et al. results to the class of prime and semiprime Goldie modules.

KEY WORDS : GOLDIE MODULES/ CS MODULES/ PRIME MODULES
SEMIPRIME MODULES/ UNIFORM DIMENSION

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