Dimension Theory For Nonsingular Injective Modules

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Decomposing modules into direct sums of submodules with types
The theory of algebraically compact abelian groups, mainly due to. Kaplansky dimension theory for nonsingular injective modules constructed by. Goodearl Module classifying functors - DML-CZ Semidistributive Modules and Rings - Google Books Result
We survey results on the theory of weakly-injective modules ob- tained during . be a uniform nonsingular right R-module and let V be a ?initely generated submodule .. cyclic module in A has ?nite Goldie dimension, then for every M E . A, M. On direct sums of modules which satisfy generalizations of injectivity in this paper we study RD-injective modules over arbitrary rings R with a . AND A. K. BOYLE, Dimension theory for nonsingular injective modules, Mem. Amer. The complete dimension theory of partially ordered systems with . which non-singular right modules are projective (Corollary 3.2). Further we study right that MR has ?nite Goldie dimension means that MR does not contain in?nite direct sums of . C. Faith, Algebra 11, Ring Theory, Springer-Verlag, 1976. Dimension Theory For Nonsingular Injective Modules One of the most striking results from the early days of homological ring theory. is the result, due and only if the direct sum of any family of injective left R-modules is also. injective. . projective: 4. every (countably generated) nonsingular R-module is extending. Let V be any infinite dimensional vector space over a field. Dimension theory for nonsingular injective modules Facebook The complete dimension theory of partially ordered systems with . (d) Any direct product of nonsingular quasi-injective right jR-modules . [5] K.R. Goodearl and Ann. K. Boyle: Dimension theory for nonsingular injective. Dimension Theory For Nonsingular Injective Modules (Memoirs of . On injective and quasi-continuous modules - ScienceDirect.com
Self-injective regular rings and nonsingular injective modules. 102. 5-4. We develop dimension theory for a large class of structures of the form. (L, ? , ? , ?)