

1. Record Nr.	UNINA9910451244703321
Autore	Gobel R (Rudiger), <1940->
Titolo	Approximations and endomorphism algebras of modules [[electronic resource] /] / by Rudiger Gobel and Jan Trlifaj
Pubbl/distr/stampa	Berlin ; ; New York, : Walter de Gruyter, 2006
ISBN	1-282-19483-6 9786612194832 3-11-019972-6
Descrizione fisica	1 online resource (664 p.)
Collana	De Gruyter expositions in mathematics ; ; 41
Altri autori (Persone)	TrlifajJan
Disciplina	512/.42
Soggetti	Modules (Algebra) Moduli theory Approximation theory Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front matter -- Contents -- Chapter 1. Some useful classes of modules -- Chapter 2. Approximations of modules -- Chapter 3. Complete cotorsion pairs -- Chapter 4. Deconstruction of cotorsion pairs -- Chapter 5. Tilting approximations -- Chapter 6. 1-tilting modules and their applications -- Chapter 7. Tilting approximations and the finitistic dimension conjectures -- Chapter 8. Cotilting modules -- Chapter 9. The Black Box and its relatives -- Chapter 10. Independence results for cotorsion pairs -- Chapter 11. The lattice of cotorsion pairs -- Chapter 12. Realizing algebras - by algebraically independent elements and by prediction principles -- Chapter 13. E(R)-algebras -- Chapter 14. Modules with distinguished submodules -- Chapter 15. Some useful classes of algebras -- Backmatter
Sommario/riassunto	The category of all modules over a general associative ring is too complex to admit any reasonable classification. Thus, unless the ring is of finite representation type, one must limit attempts at classification to some restricted subcategories of modules. The wild character of the category of all modules, or of one of its subcategories C is often indicated by the presence of a realization theorem, that is, by the fact

that any reasonable algebra is isomorphic to the endomorphism algebra of a module from $\mathcal{C}$. This results in the existence of pathological direct sum decompositions and these are generally viewed as obstacles to the classification. Realization theorems have thus become important indicators of the non-classification theory of modules. In order to overcome this problem, approximation theory of modules has been developed over the past few decades. The idea here is to select suitable subcategories $\mathcal{C}$ whose modules can be classified, and then to approximate arbitrary modules by ones from $\mathcal{C}$. These approximations are neither unique nor functorial in general, but there is always a rich supply available appropriate to the requirements of various particular applications. Thus approximation theory has developed into an important part of the classification theory of modules. In this monograph the two methods are brought together. First the approximation theory of modules is developed and some of its recent applications, notably to infinite dimensional tilting theory, are presented. Then some prediction principles from set theory are introduced and these become the principal tools in the establishment of appropriate realization theorems. The monograph starts from basic facts and gradually develops the theory towards its present frontiers. It is suitable both for graduate students interested in algebra and for experts in module and representation theory.

2. Record Nr.	UNINA9910557344403321
Autore	Korinek Vladimir
Titolo	Animal Modeling in Cancer
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (273 p.)
Soggetti	Biology, life sciences Research & information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Dear Readers, Understanding the pathological mechanisms involved in human diseases and their possible treatment has been historically based on comparative analysis of diverse animal species that share a similar genetic, physiological and behavioural composition. The ancient Greeks were the first to use animals as models for anatomy and physiology, and this was consequently adopted by other cultures and led to important discoveries. In recent years, there have been many efforts to understand and fight cancer through new revolutionary personalized treatments and wider screenings that help diagnose and treat cancer. A fundamental part of this effort is to develop suitable cancer animal models that simulate the different disease variants and their progression. Ranging from tumor-derived xenografts to genetically engineered models, a wide variety of systems are applied for this purpose, and many technological breakthroughs are changing the way cancer is studied and analyzed. In this Special Issue, we collected a set of research articles and reviews that focus on the generation of cancer animal models that are used for understanding the disease and contribute to designing and testing new drugs for cancer prevention or treatment. Vladimir Korinek Collection Editor

3. Record Nr. UNINA9910901892903321

Titolo Corporate Governance

Pubbl/distr/stampa IntechOpen

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia