

<<环和模的范畴第2版>>

图书基本信息

书名：<<环和模的范畴第2版>>

13位ISBN编号：9787506266017

10位ISBN编号：7506266016

出版时间：2004-1

出版时间：世界图书出版公司

作者：KentR.Fuller

页数：376

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

<<环和模的范畴第2版>>

内容概要

本书是一部研究生教材。

作者采用范畴理论而不是算术方式论述环与模的基本理论，内容从环、模、同态、直接和、拟合条件等基本知识一直延伸到Wedderburn-Artin定理、Jacobson根基、张量函数、Morita等价和对偶、内射模和射影模的分解论、半完备环和完环，以及同类书很少论及的同调论、商环和交换环等课题，本版新增内容为阿廷环的经典结果。

<<环和模的范畴第2版>>

作者简介

GTM13

<<环和模的范畴第2版>>

书籍目录

Preface O. Preliminaries Chapter 1: Rings , Modules and Homomorphisms 1. Review of Rings and their Homomorphisms 2. Modules and Submodules 3. Homomorphisms of Modules 4. Categories of Modules ; Endomorphism Rings Chapter 2: Direct Sums and Products 5. Direct Summands 6. Direct Sums and Products of Modules 7. Decomposition of Rings 8. Generating and Cogenerating Chapter 3: Finiteness Conditions for Modules 9. Semisimple Modules--The Socle and the Radical 10. Finitely Generated and Finitely Cogenerated Modules-Chain Conditions 11. Modules with Composition Series 12. Indecomposable Decompositions of Modules Chapter 4: Classical Ring-Structure Theorems 13. Semisimple Rings 14. The Density Theorem 15. The Radical of a Ring-Local Rings and Artinian Rings Chapter 5: Functors Between Module Categories 16. The Hom Functors and Exactness-Projectivity and Injectivity 17. Projective Modules and Generators 18. Injective Modules and Cogenerators 19. The Tensor Functors and Flat Modules 20. Natural Transformations Chapter 6: Equivalence and Duality for Module Categories 21. Equivalent Rings 22. The Morita Characterizations of Equivalence 23. Dualities 24. Morita Dualities Chapter 7: Injective Modules, Projective Modules, and Their Decompositions 25. Injective Modules and Noetherian Rings-The Faith-Walker Theorems 26. Direct Sums of Countably Generated Modules-With Local Endomorphism Rings 27. Semiperfect Rings 28. Perfect Rings 29. Modules with Perfect Endomorphism Rings Chapter 8: Classical Artinian Rings 30. Artinian Rings with Duality 31. Injective Projective Modules 32. Serial Rings Bibliography Index

<<环和模的范畴第2版>>

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>