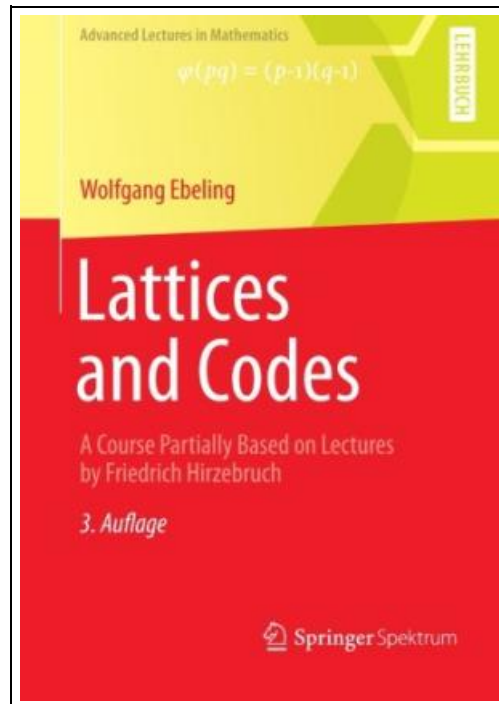


Lattices and Codes : A Course Partially Based on Lectures by F. Hirzebruch



Filesize: 4.18 MB

Reviews

Most of these ebook is the perfect publication accessible. It is written in easy terms and not difficult to understand. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Anastasia Kihn)

LATTICES AND CODES : A COURSE PARTIALLY BASED ON LECTURES BY F. HIRZEBRUCH



To download **Lattices and Codes : A Course Partially Based on Lectures by F. Hirzebruch** eBook, please refer to the button beneath and download the ebook or have access to other information that are highly relevant to LATTICES AND CODES : A COURSE PARTIALLY BASED ON LECTURES BY F. HIRZEBRUCH book.

Springer-Verlag Gmbh Sep 2012, 2012. Taschenbuch. Condition: Neu. Neuware - The purpose of coding theory is the design of efficient systems for the transmission of information. The mathematical treatment leads to certain finite structures: the error-correcting codes. Surprisingly problems which are interesting for the design of codes turn out to be closely related to problems studied partly earlier and independently in pure mathematics. In this book, examples of such connections are presented. The relation between lattices studied in number theory and geometry and error-correcting codes is discussed. The book provides at the same time an introduction to the theory of integral lattices and modular forms and to coding theory. In the 3rd edition, again numerous corrections and improvements have been made and the text has been updated. The purpose of coding theory is the design of efficient systems for the transmission of information. The mathematical treatment leads to certain finite structures: the error-correcting codes. Surprisingly problems which are interesting for the design of codes turn out to be closely related to problems studied partly earlier and independently in pure mathematics. In this book, examples of such connections are presented. The relation between lattices studied in number theory and geometry and error-correcting codes is discussed. The book provides at the same time an introduction to the theory of integral lattices and modular forms and to coding theory. In the 3rd edition, again numerous corrections and improvements have been made and the text has been updated. Content Lattices and Codes - Theta Functions and Weight Enumerators - Even Unimodular Lattices - The Leech Lattice - Lattices over Integers of Number Fields and Self-Dual Codes. Readership Graduate Students in Mathematics and Computer Science Mathematicians and Computer Scientists About the Author Prof. Dr. Wolfgang Ebeling, Institute of Algebraic Geometry, Leibniz Universität Hannover, Germany 167 pp. Deutsch.



[Read Lattices and Codes : A Course Partially Based on Lectures by F. Hirzebruch Online](#)



[Download PDF Lattices and Codes : A Course Partially Based on Lectures by F. Hirzebruch](#)

Other eBooks



[PDF] The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program

Access the link under to download "The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program" PDF document.

[Save eBook »](#)



[PDF] Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers

Access the link under to download "Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers" PDF document.

[Save eBook »](#)



[PDF] A Year Book for Primary Grades; Based on Froebel s Mother Plays

Access the link under to download "A Year Book for Primary Grades; Based on Froebel s Mother Plays" PDF document.

[Save eBook »](#)



[PDF] Choturam Pandit Vaidyanath - The Tales of Bodhisattva (Illustrated): Two Stories Based on Jataka Tales

Access the link under to download "Choturam Pandit Vaidyanath - The Tales of Bodhisattva (Illustrated): Two Stories Based on Jataka Tales" PDF document.

[Save eBook »](#)



[PDF] Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Access the link under to download "Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]" PDF document.

[Save eBook »](#)



[PDF] Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]

Access the link under to download "Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]" PDF document.

[Save eBook »](#)