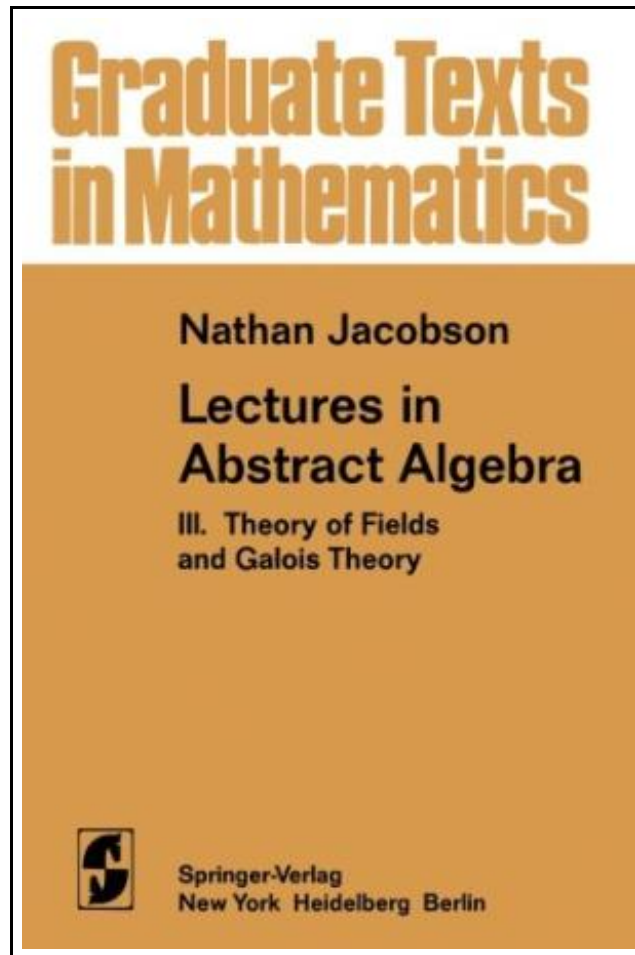


## Lectures in Abstract Algebra



Filesize: 8.69 MB

### **Reviews**

*These sorts of ebook is the best publication accessible. It is amongst the most amazing ebook i actually have read. It is extremely difficult to leave it before concluding, once you begin to read the book.*

*(Jace Gusikowski IV)*

## LECTURES IN ABSTRACT ALGEBRA



To get **Lectures in Abstract Algebra** eBook, you should refer to the hyperlink beneath and save the ebook or gain access to additional information which might be highly relevant to LECTURES IN ABSTRACT ALGEBRA ebook.

Book Condition: New. Publisher/Verlag: Springer, Berlin | III. Theory of Fields and Galois Theory | The present volume completes the series of texts on algebra which the author began more than ten years ago. The account of field theory and Galois theory which we give here is based on the notions and results of general algebra which appear in our first volume and on the more elementary parts of the second volume, dealing with linear algebra. The level of the present work is roughly the same as that of Volume II. In preparing this book we have had a number of objectives in mind. First and foremost has been that of presenting the basic field theory which is essential for an understanding of modern algebraic number theory, ring theory, and algebraic geometry. The parts of the book concerned with this aspect of the subject are Chapters I, IV, and V dealing respectively with finite dimensional field extensions and Galois theory, general structure theory of fields, and valuation theory. Also the results of Chapter III on abelian extensions, although of a somewhat specialized nature, are of interest in number theory. A second objective of our account has been to indicate the links between the present theory of fields and the classical problems which led to its development. | 1. Extension of homomorphisms.- 2. Algebras.- 3. Tensor products of vector spaces.- 4. Tensor product of algebras.- I: Finite Dimensional Extension Fields.- 1. Some vector spaces associated with mappings of fields.- 2. The Jacobson-Bourbaki correspondence.- 3. Dedekind independence theorem for isomorphisms of a field.- 4. Finite groups of automorphisms.- 5. Splitting field of a polynomial.- 6. Multiple roots. Separable polynomials.- 7. The "fundamental theorem" of Galois theory.- 8. Normal extensions. Normal closures.- 9. Structure of algebraic extensions. Separability.- 10. Degrees of separability...



[Read Lectures in Abstract Algebra Online](#)

[Download PDF Lectures in Abstract Algebra](#)

# DOWNLOAD COMPLETE PDF FILE AT

<http://certification.space/9780387901244-lectures-in-abstract-algebra-ebook.pdf>

## Related Kindle Books



**[PDF] Read Write Inc. Phonics: Yellow Set 5 Storybook 7 Do We Have to Keep it?**  
Follow the link under to read "Read Write Inc. Phonics: Yellow Set 5 Storybook 7 Do We Have to Keep it?" file.

[Download ePub »](#)



**[PDF] Would It Kill You to Stop Doing That?**  
Follow the link under to read "Would It Kill You to Stop Doing That?" file.

[Download ePub »](#)



**[PDF] Violet Rose and the Surprise Party**  
Follow the link under to read "Violet Rose and the Surprise Party" file.

[Download ePub »](#)



**[PDF] TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)**

Follow the link under to read "TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)" file.

[Download ePub »](#)



**[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)**

Follow the link under to read "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)" file.

[Download ePub »](#)



**[PDF] Genuine] kindergarten curriculum theory and practice(Chinese Edition)**

Follow the link under to read "Genuine] kindergarten curriculum theory and practice(Chinese Edition)" file.

[Download ePub »](#)