



Character Theory of Finite Groups (Dover Books on Mathematics)

I. Martin Isaacs

Download now

Read Online 

Character Theory of Finite Groups (Dover Books on Mathematics)

I. Martin Isaacs

Character Theory of Finite Groups (Dover Books on Mathematics) I. Martin Isaacs

"The book is a pleasure to read. There is no question but that it will become, and deserves to be, a widely used textbook and reference." — *Bulletin of the American Mathematical Society*.

Character theory provides a powerful tool for proving theorems about finite groups. In addition to dealing with techniques for applying characters to "pure" group theory, a large part of this book is devoted to the properties of the characters themselves and how these properties reflect and are reflected in the structure of the group.

Chapter I consists of ring theoretic preliminaries. Chapters 2 to 6 and 8 contain the basic material of character theory, while Chapter 7 treats an important technique for the application of characters to group theory. Chapter 9 considers irreducible representations over arbitrary fields, leading to a focus on subfields of the complex numbers in Chapter 10. In Chapter 15 the author introduces Brauer's theory of blocks and "modular characters." Remaining chapters deal with more specialized topics, such as the connections between the set of degrees of the irreducible characters and structure of a group. Following each chapter is a selection of carefully thought out problems, including exercises, examples, further results and extensions and variations of theorems in the text.

Prerequisites for this book are some basic finite group theory: the Sylow theorems, elementary properties of permutation groups and solvable and nilpotent groups. Also useful would be some familiarity with rings and Galois theory. In short, the contents of a first-year graduate algebra course should be sufficient preparation.

 [Download Character Theory of Finite Groups \(Dover Books on Mathe ...pdf](#)

 [Read Online Character Theory of Finite Groups \(Dover Books on Mat ...pdf](#)

Download and Read Free Online Character Theory of Finite Groups (Dover Books on Mathematics) I. Martin Isaacs

Download and Read Free Online Character Theory of Finite Groups (Dover Books on Mathematics) I. Martin Isaacs

From reader reviews:

Louis Clark:

The knowledge that you get from Character Theory of Finite Groups (Dover Books on Mathematics) could be the more deep you rooting the information that hide into the words the more you get thinking about reading it. It doesn't mean that this book is hard to know but Character Theory of Finite Groups (Dover Books on Mathematics) giving you joy feeling of reading. The author conveys their point in particular way that can be understood through anyone who read this because the author of this reserve is well-known enough. This specific book also makes your own personal vocabulary increase well. So it is easy to understand then can go along with you, both in printed or e-book style are available. We recommend you for having this specific Character Theory of Finite Groups (Dover Books on Mathematics) instantly.

Kevin Strickland:

Character Theory of Finite Groups (Dover Books on Mathematics) can be one of your starter books that are good idea. We all recommend that straight away because this e-book has good vocabulary which could increase your knowledge in words, easy to understand, bit entertaining however delivering the information. The article writer giving his/her effort to set every word into satisfaction arrangement in writing Character Theory of Finite Groups (Dover Books on Mathematics) yet doesn't forget the main point, giving the reader the hottest along with based confirm resource data that maybe you can be one among it. This great information can easily drawn you into brand-new stage of crucial thinking.

Lou Marshall:

Your reading sixth sense will not betray an individual, why because this Character Theory of Finite Groups (Dover Books on Mathematics) publication written by well-known writer we are excited for well how to make book which might be understand by anyone who have read the book. Written within good manner for you, leaking every ideas and creating skill only for eliminate your hunger then you still doubt Character Theory of Finite Groups (Dover Books on Mathematics) as good book not merely by the cover but also by content. This is one reserve that can break don't ascertain book by its cover, so do you still needing an additional sixth sense to pick this kind of!? Oh come on your reading through sixth sense already alerted you so why you have to listening to one more sixth sense.

Jose Johnson:

Reading a book to become new life style in this yr; every people loves to go through a book. When you examine a book you can get a lots of benefit. When you read textbooks, you can improve your knowledge, since book has a lot of information in it. The information that you will get depend on what sorts of book that you have read. If you would like get information about your study, you can read education books, but if you act like you want to entertain yourself read a fiction books, this sort of us novel, comics, and also soon. The Character Theory of Finite Groups (Dover Books on Mathematics) will give you a new experience in reading

through a book.

**Download and Read Online Character Theory of Finite Groups
(Dover Books on Mathematics) I. Martin Isaacs #QNXJKU1FEV6**

Read Character Theory of Finite Groups (Dover Books on Mathematics) by I. Martin Isaacs for online ebook

Character Theory of Finite Groups (Dover Books on Mathematics) by I. Martin Isaacs Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Character Theory of Finite Groups (Dover Books on Mathematics) by I. Martin Isaacs books to read online.

Online Character Theory of Finite Groups (Dover Books on Mathematics) by I. Martin Isaacs ebook PDF download

Character Theory of Finite Groups (Dover Books on Mathematics) by I. Martin Isaacs Doc

Character Theory of Finite Groups (Dover Books on Mathematics) by I. Martin Isaacs Mobipocket

Character Theory of Finite Groups (Dover Books on Mathematics) by I. Martin Isaacs EPub

Character Theory of Finite Groups (Dover Books on Mathematics) by I. Martin Isaacs Ebook online

Character Theory of Finite Groups (Dover Books on Mathematics) by I. Martin Isaacs Ebook PDF