



# Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs)

By Meinolf Geck, Götz Pfeiffer

Download now

Read Online ➔

## Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs) By Meinolf Geck, Götz Pfeiffer

Finite Coxeter groups and related structures arise naturally in several branches of mathematics such as the theory of Lie algebras and algebraic groups. The corresponding Iwahori-Hecke algebras are then obtained by a certain deformation process which have applications in the representation theory of groups of Lie type and the theory of knots and links. This book develops the theory of conjugacy classes and irreducible character, both for finite Coxeter groups and the associated Iwahori-Hecke algebras. Topics covered range from classical results to more recent developments and are clear and concise. This is the first book to develop these subjects both from a theoretical and an algorithmic point of view in a systematic way, covering all types of finite Coxeter groups.

↓ [Download Characters of Finite Coxeter Groups and Iwahori-He ...pdf](#)

📖 [Read Online Characters of Finite Coxeter Groups and Iwahori- ...pdf](#)

# Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs)

*By Meinolf Geck, Götz Pfeiffer*

**Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs)** By Meinolf Geck, Götz Pfeiffer

Finite Coxeter groups and related structures arise naturally in several branches of mathematics such as the theory of Lie algebras and algebraic groups. The corresponding Iwahori-Hecke algebras are then obtained by a certain deformation process which have applications in the representation theory of groups of Lie type and the theory of knots and links. This book develops the theory of conjugacy classes and irreducible character, both for finite Coxeter groups and the associated Iwahori-Hecke algebras. Topics covered range from classical results to more recent developments and are clear and concise. This is the first book to develop these subjects both from a theoretical and an algorithmic point of view in a systematic way, covering all types of finite Coxeter groups.

**Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs)** By Meinolf Geck, Götz Pfeiffer Bibliography

- Rank: #5041349 in Books
- Brand: Meinolf Geck
- Published on: 2000-10-12
- Original language: English
- Number of items: 1
- Dimensions: 9.10" h x 1.20" w x 5.90" l, 1.81 pounds
- Binding: Hardcover
- 464 pages

 [Download Characters of Finite Coxeter Groups and Iwahori-He ...pdf](#)

 [Read Online Characters of Finite Coxeter Groups and Iwahori- ...pdf](#)

## **Download and Read Free Online Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs) By Meinolf Geck, Götz Pfeiffer**

---

### **Editorial Review**

#### Review

"The contents of the book are well organized ... the chapters can be read independently of each other."--*Mathematical Reviews*

#### About the Author

Meinolf Geck, Professor of Mathematics at the University of Lyon, France. Götz Pfeiffer, Lecturer in Mathematics, National University of Ireland at Galway, Ireland

### **Users Review**

#### **From reader reviews:**

##### **Mark Shanks:**

Book is to be different for every grade. Book for children till adult are different content. We all know that that book is very important usually. The book Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs) has been making you to know about other understanding and of course you can take more information. It is rather advantages for you. The publication Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs) is not only giving you much more new information but also for being your friend when you really feel bored. You can spend your spend time to read your book. Try to make relationship together with the book Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs). You never really feel lose out for everything if you read some books.

##### **Tania Arney:**

Why? Because this Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs) is an unordinary book that the inside of the publication waiting for you to snap it but latter it will zap you with the secret it inside. Reading this book alongside it was fantastic author who write the book in such incredible way makes the content interior easier to understand, entertaining method but still convey the meaning entirely. So , it is good for you because of not hesitating having this nowadays or you going to regret it. This amazing book will give you a lot of benefits than the other book get such as help improving your expertise and your critical thinking approach. So , still want to delay having that book? If I were being you I will go to the book store hurriedly.

**Deandre Freeman:**

Reading can called brain hangout, why? Because while you are reading a book specially book entitled Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs) your mind will drift away trough every dimension, wandering in most aspect that maybe unfamiliar for but surely will become your mind friends. Imaging just about every word written in a guide then become one type conclusion and explanation that maybe you never get just before. The Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs) giving you an additional experience more than blown away your head but also giving you useful data for your better life on this era. So now let us present to you the relaxing pattern here is your body and mind will probably be pleased when you are finished reading through it, like winning a game. Do you want to try this extraordinary wasting spare time activity?

**Rex Vogler:**

This Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs) is great publication for you because the content that is certainly full of information for you who also always deal with world and possess to make decision every minute. That book reveal it facts accurately using great manage word or we can claim no rambling sentences inside it. So if you are read the idea hurriedly you can have whole information in it. Doesn't mean it only offers you straight forward sentences but challenging core information with attractive delivering sentences. Having Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs) in your hand like finding the world in your arm, facts in it is not ridiculous just one. We can say that no e-book that offer you world with ten or fifteen minute right but this reserve already do that. So , this can be good reading book. Hi Mr. and Mrs. busy do you still doubt which?

**Download and Read Online Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs) By Meinolf Geck, Götz Pfeiffer #XVZNH7IPRJL**

# **Read Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs) By Meinolf Geck, Götz Pfeiffer for online ebook**

Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs) By Meinolf Geck, Götz Pfeiffer 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 Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs) By Meinolf Geck, Götz Pfeiffer books to read online.

## **Online Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs) By Meinolf Geck, Götz Pfeiffer ebook PDF download**

**Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs) By Meinolf Geck, Götz Pfeiffer Doc**

**Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs) By Meinolf Geck, Götz Pfeiffer Mobipocket**

**Characters of Finite Coxeter Groups and Iwahori-Hecke Algebras (London Mathematical Society Monographs) By Meinolf Geck, Götz Pfeiffer EPub**