Representation Theory of the Virasoro Algebra (Springer Monographs in Mathematics)

Kenji Iohara, Yoshiyuki Koga

Representation Theory of the Virasoro Algebra (Springer Monographs in Mathematics)

Kenji Iohara, Yoshiyuki Koga

Representation Theory of the Virasoro Algebra (Springer Monographs in Mathematics) Kenji Iohara, Yoshiyuki Koga

The Virasoro algebra is an infinite dimensional Lie algebra that plays an increasingly important role in mathematics and theoretical physics. This book describes some fundamental facts about the representation theory of the Virasoro algebra in a self-contained manner. Topics include the structure of Verma modules and Fock modules, the classification of (unitarizable) Harish-Chandra modules, tilting equivalence, and the rational vertex operator algebras associated to the so-called minimal series representations.

Covering a wide range of material, this book has three appendices which provide background information required for some of the chapters. The authors organize fundamental results in a unified way and refine existing proofs. For instance in chapter three, a generalization of Jantzen filtration is reformulated in an algebraic manner, and geometric interpretation is provided. Statements, widely believed to be true, are collated, and results which are known but not verified are proven, such as the corrected structure theorem of Fock modules in chapter eight.

This book will be of interest to a wide range of mathematicians and physicists from the level of graduate students to researchers.

Download and Read Free Online Representation Theory of the Virasoro Algebra (Springer Monographs in Mathematics) Kenji Iohara, Yoshiyuki Koga

---

From reader reviews:

Frank Craver:

Now a day people that Living in the era wherever everything reachable by connect with the internet and the resources in it can be true or not need people to be aware of each info they get. How a lot more to be smart in receiving any information nowadays? Of course the answer is reading a book. Looking at a book can help people out of this uncertainty Information especially this Representation Theory of the Virasoro Algebra (Springer Monographs in Mathematics) book since this book offers you rich data and knowledge. Of course the details in this book hundred per-cent guarantees there is no doubt in it you probably know this.

Jenni Roberts:

The book untitled Representation Theory of the Virasoro Algebra (Springer Monographs in Mathematics) contain a lot of information on the item. The writer explains the girl idea with easy technique. The language is very simple to implement all the people, so do not necessarily worry, you can easy to read it. The book was published by famous author. The author will bring you in the new period of time of literary works. You can actually read this book because you can continue reading your smart phone, or product, so you can read the book within anywhere and anytime. In a situation you wish to purchase the e-book, you can available their official web-site along with order it. Have a nice learn.

John Collins:

In this period of time globalization it is important to someone to receive information. The information will make someone to understand the condition of the world. The fitness of the world makes the information easier to share. You can find a lot of personal references to get information example: internet, newspaper, book, and soon. You can see that now, a lot of publisher in which print many kinds of book. The actual book that recommended for you is Representation Theory of the Virasoro Algebra (Springer Monographs in Mathematics) this publication consist a lot of the information with the condition of this world now. This kind of book was represented how do the world has grown up. The language styles that writer make usage of to explain it is easy to understand. Often the writer made some research when he makes this book. Honestly, that is why this book suitable all of you.

Walter Pressley:

Is it an individual who having spare time and then spend it whole day simply by watching television programs or just lying down on the bed? Do you need something new? This Representation Theory of the Virasoro Algebra (Springer Monographs in Mathematics) can be the reply, oh how comes? The new book you know. You are therefore out of date, spending your time by reading in this brand-new era is common not a nerd activity. So what these guides have than the others?

Download and Read Online Representation Theory of the Virasoro Algebra (Springer Monographs in Mathematics) Kenji Iohara, Yoshiyuki Koga #LYVX98E1S5G

Read Representation Theory of the Virasoro Algebra (Springer Monographs in Mathematics) by Kenji Iohara, Yoshiyuki Koga for online ebook

Representation Theory of the Virasoro Algebra (Springer Monographs in Mathematics) by Kenji Iohara, Yoshiyuki Koga 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 Representation Theory of the Virasoro Algebra (Springer Monographs in Mathematics) by Kenji Iohara, Yoshiyuki Koga books to read online.

Online Representation Theory of the Virasoro Algebra (Springer Monographs in Mathematics) by Kenji Iohara, Yoshiyuki Koga ebook PDF download

Representation Theory of the Virasoro Algebra (Springer Monographs in Mathematics) by Kenji Iohara, Yoshiyuki Koga Doc

Representation Theory of the Virasoro Algebra (Springer Monographs in Mathematics) by Kenji Iohara, Yoshiyuki Koga Mobipocket

Representation Theory of the Virasoro Algebra (Springer Monographs in Mathematics) by Kenji Iohara, Yoshiyuki Koga EPub