Topological Groups: An Introduction

Nelson G. Markley

Topological Groups: An Introduction

Nelson G. Markley

Topological Groups: An Introduction Nelson G. Markley
A user-friendly introduction to metric and topological groups

Topological Groups: An Introduction provides a self-contained presentation with an emphasis on important families of topological groups. The book uniquely provides a modern and balanced presentation by using metric groups to present a substantive introduction to topics such as duality, while also shedding light on more general results for topological groups.

Filling the need for a broad and accessible introduction to the subject, the book begins with coverage of groups, metric spaces, and topological spaces before introducing topological groups. Since linear spaces, algebras, norms, and determinants are necessary tools for studying topological groups, their basic properties are developed in subsequent chapters. For concreteness, product topologies, quotient topologies, and compact-open topologies are first introduced as metric spaces before their open sets are characterized by topological properties. These metrics, along with invariant metrics, act as excellent stepping stones to the subsequent discussions of the following topics:

- Matrix groups
- Connectednesss of topological groups
- Compact groups
- Character groups

Exercises found throughout the book are designed so both novice and advanced readers will be able to work out solutions and move forward at their desired pace. All chapters include a variety of calculations, remarks, and elementary results, which are incorporated into the various examples and exercises.

Topological Groups: An Introduction is an excellent book for advanced undergraduate and graduate-level courses on the topic. The book also serves as a valuable resource for professionals working in the fields of mathematics, science, engineering, and physics.

Download and Read Free Online Topological Groups: An Introduction Nelson G. Markley

---

From reader reviews:

Robert Maselli:

What do you about book? It is not important to you? Or just adding material if you want something to explain what the ones you have problem? How about your free time? Or are you busy person? If you don't have spare time to complete others business, it is make one feel bored faster. And you have time? What did you do? All people has many questions above. The doctor has to answer that question because just their can do this. It said that about book. Book is familiar on every person. Yes, it is appropriate. Because start from on kindergarten until university need this Topological Groups: An Introduction to read.

Jeffrey Spencer:

The book with title Topological Groups: An Introduction contains a lot of information that you can understand it. You can get a lot of benefit after read this book. This particular book exist new knowledge the information that exist in this guide represented the condition of the world at this point. That is important to yo7u to learn how the improvement of the world. This particular book will bring you throughout new era of the glowbal growth. You can read the e-book on the smart phone, so you can read that anywhere you want.

Julia Barr:

Topological Groups: An Introduction can be one of your starter books that are good idea. Most of us recommend that straight away because this publication has good vocabulary that will increase your knowledge in vocab, easy to understand, bit entertaining but still delivering the information. The article writer giving his/her effort to put every word into delight arrangement in writing Topological Groups: An Introduction although doesn't forget the main level, giving the reader the hottest and also based confirm resource details that maybe you can be among it. This great information could drawn you into completely new stage of crucial considering.

Eric Kinlaw:

Your reading sixth sense will not betray a person, why because this Topological Groups: An Introduction book written by well-known writer who knows well how to make book which might be understand by anyone who all read the book. Written within good manner for you, still dripping wet every ideas and composing skill only for eliminate your own personal hunger then you still hesitation Topological Groups: An Introduction as good book not merely by the cover but also by content. This is one e-book that can break don't judge book by its include, so do you still needing one more sixth sense to pick this specific!? Oh come on your reading through sixth sense already told you so why you have to listening to another sixth sense.

Download and Read Online Topological Groups: An Introduction Nelson G. Markley #X20FA8IHVER

Read Topological Groups: An Introduction by Nelson G. Markley for online ebook

Topological Groups: An Introduction by Nelson G. Markley 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 Topological Groups: An Introduction by Nelson G. Markley books to read online.

Online Topological Groups: An Introduction by Nelson G. Markley ebook PDF download

Topological Groups: An Introduction by Nelson G. Markley Doc

Topological Groups: An Introduction by Nelson G. Markley Mobipocket

Topological Groups: An Introduction by Nelson G. Markley EPub