



Numbers, Groups and Codes

By J. F. Humphreys, M. Y. Prest

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The aim of this textbook is to introduce the concepts of algebra via examples and to relate them to their applications, particularly in computer sciences. It can be used to teach courses that bridge the widening gap between school and university. In order to give a definite shape to the material, topics that develop elementary group theory are included. The choice of topics is motivated by the wish to provide a sound, rigorous and historically relevant introduction to group theory. Studying group theory in this way enables the student to recognize mathematical patterns in other areas, some traditional, others not so. The book has developed from first level courses taught in the UK and USA. These courses proved successful in developing not only a theoretical understanding but also algorithmic skills.

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Editorial Review

Review

'... very suitable for a class with many students interested in combinatorics, computer science, or engineering ... This book merits a close look because of its pedagogical strengths. One might say this book really is about 'How to think about mathematics'. And that is a great virtue ... The book is sprinkled with historical and other motivations ... The history is natural, fits, and flows with the exposition ... a very useful text on abstract algebra.' MAA Online - The Mathematical Association of America

About the Author

fm.author_biographical_note1

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Users Review

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This Numbers, Groups and Codes book is just not ordinary book, you have after that it the world is in your hands. The benefit you will get by reading this book is definitely information inside this reserve incredible fresh, you will get data which is getting deeper a person read a lot of information you will get. This kind of Numbers, Groups and Codes without we know teach the one who reading it become critical in contemplating and analyzing. Don't be worry Numbers, Groups and Codes can bring any time you are and not make your bag space or bookshelves' come to be full because you can have it in the lovely laptop even mobile phone. This Numbers, Groups and Codes having very good arrangement in word along with layout, so you will not experience uninterested in reading.

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