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Abstract Algebra

Dipak Chatterjee



Abstract Algebra Dipak Chatterjee

CHATTERJEE, DIPAK



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MATRIX AND LINEAR ALGEBRA AIDED WITH MATLAB, Third Edition Kanti Bhushan Datta, 2016-12-01 With the inclusion of applications of singular value decomposition SVD and principal component analysis PCA to image compression and data analysis this edition provides a strong foundation of linear algebra needed for a higher study in signal processing The use of MATLAB in the study of linear algebra for a variety of computational purposes and the programmes provided in this text are the most attractive features of this book which strikingly distinguishes it from the existing linear algebra books needed as pre requisites for the study of engineering subjects This book is highly suitable for undergraduate as well as postgraduate students of mathematics statistics and all engineering disciplines The book will also be useful to Ph D students for relevant mathematical resources

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Discrete Mathematics Dipak Chatterjee, 2023-06-28 The text is an excellent exposition of the essentials of Discrete Mathematics This book is a product of long experience of teaching the subject in M C A and B Tech courses in Calcutta University and the Institute of Engineering and Management for a number of year

Reflections on the Philosophy of Mathematics Dipak Chatterjee, Suparna Chatterjee, 1993

REAL ANALYSIS, SECOND EDITION CHATTERJEE, DIPAK, 2012-03-17 This revised edition provides an excellent introduction to topics in Real Analysis through an elaborate exposition of all fundamental concepts and results The treatment is rigorous and exhaustive both classical and modern topics are presented in a lucid manner in order to make this text appealing to students Clear explanations many detailed worked examples and several challenging ones included in

the exercises enable students to develop problem solving skills and foster critical thinking The coverage of the book is incredibly comprehensive with due emphasis on Lebesgue theory metric spaces uniform convergence Riemann Stieltjes integral multi variable theory Fourier series improper integration and parametric integration The book is suitable for a complete course in real analysis at the advanced undergraduate or postgraduate level *Subject Guide to Books in Print*
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