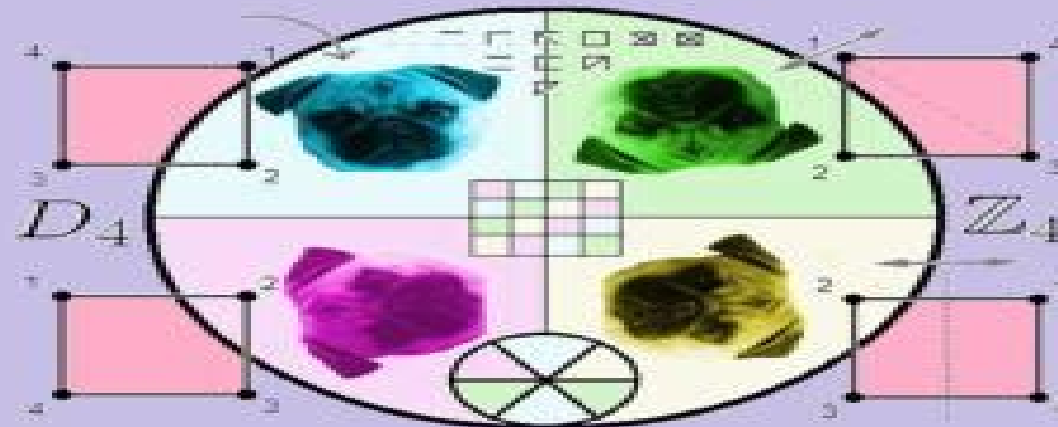


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Basic Group Theory Anil Kumar, 2023-05-17 This book on Group theory for undergraduate students Mathematics Scholarship test NBHM TIFR JEST JRF LS CSIR UGC NET M Sc entrance test IIT JAM Ph D admission entrance test IIT GATE Aspirants of Civil Services examinations UPSC CSE and IFS State PCs DRDO examinations etc In this book all the topics of group theory are discussed with theory and suitable examples The book is divided into eight chapters viz groups subgroups normal subgroups homomorphism direct products in group theory Sylow's theorems group actions and finite

groups All chapters containing solved examples solution of previous years question papers of different competitive examinations UPSC CSE UPSC IFS NBHM CSIR UGC NET GATE BPSC IIT JAM and exercises Fundamentals of Abstract Algebra D. S. Malik, John M. Mordeson, M. K. Sen, 1997 For use in advanced abstract algebra courses Fundamentals of Abstract Algebra takes a blended theory and applications approach Each chapter consists of definitions theorems proofs and corollaries Throughout the text the reader should find numerous examples that illustrate the concepts historical background on the development of abstract algebra and profiles of notable mathematicians Undergraduate Algebra Matej Brešar, 2019-05-15 This textbook offers an innovative approach to abstract algebra based on a unified treatment of similar concepts across different algebraic structures This makes it possible to express the main ideas of algebra more clearly and to avoid unnecessary repetition The book consists of two parts The Language of Algebra and Algebra in Action The unified approach to different algebraic structures is a primary feature of the first part which discusses the basic notions of algebra at an elementary level The second part is mathematically more complex covering topics such as the Sylow theorems modules over principal ideal domains and Galois theory Intended for an undergraduate course or for self study the book is written in a readable conversational style is rich in examples and contains over 700 carefully selected exercises **Lectures in Abstract Algebra** Nathan Jacobson, 1966

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