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A solutions manual is also available for readers who would like access to partial solutions to the book's exercises. Introduction to Abstract Algebra, Fourth Edition is an accessible text that provides a solid introduction to the traditional structures of abstract algebra: groups, rings, and fields. The Fourth Edition has been significantly updated and offers even more emphasis on computational and conceptual aspects through new topics, reorganized sections, added exercises, and improved exposition. The text includes more than 500 new exercises, some of which are computational in nature, as well as many new examples, explanations, and exercises throughout. The text still includes some of the unique features that have made Introduction to Abstract Algebra popular with instructors and students alike, including its intuitive approach, informal discussions, and thematic arrangement of exercises. This Fourth Edition further demonstrates additional instructional exercises to improve students' familiarity with rigour and applications.

A Course in Abstract Algebra

Jeffrey Bergen 2001-01-01 In this third edition of his best-selling text, the author has made several changes. First, he has separated rings into two sections, focusing on commutative rings in the first of them and noncommutative rings in the second. Second, he has added a section on Galois Theory. Third, he has included numerous new exercises throughout the text. In addition, the author has streamlined the presentation of the material to make it more accessible to the student.

Abstract Algebra

Joseph Gallian 2013-01-01 The Fourth Edition of this classic text maintains the clear exposition, logical organization, and accessible breadth of content that have made it the most popular undergraduate text in abstrac