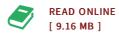# Introduction to Abstract Algebra: Solutions Manual

By W Keith Nicholson

John Wiley Sons Inc, United States, 2012. Paperback. Book Condition: New. 4th Revised edition. 249 x 175 mm. Language: English . Brand New Book. Praise for the Third Edition .an expository masterpiece of the highest didactic value that has gained additional attractivity through the various improvements . Zentralblatt MATH The Fourth Edition of Introduction to Abstract Algebra continues to provide an accessible approach to the basic structures of abstract algebra: groups, rings, and fields. The book s unique presentation helps readers advance to abstract theory by presenting concrete examples of induction, number theory, integers modulo n, and permutations before the abstract structures are defined. Readers can immediately begin to perform computations using abstract concepts that are developed in greater detail later in the text. The Fourth Edition features important concepts as well as specialized topics, including: * The treatment of nilpotent groups, including the Frattini and Fitting subgroups * Symmetric polynomials * The proof of the fundamental theorem of algebra using symmetric polynomials * The proof of Wedderburn s theorem on finite division rings * The proof of the Wedderburn-Artin theorem Throughout the book, worked examples and real-world problems illustrate concepts and their applications, facilitating a complete understanding for readers...

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