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text has been widely appreciated by instructors and students alike the book offers an enjoyable read and conveys and develops enthusiasm for the beauty of the topics presented it is comprehensive lively and engaging the author presents the concepts and methodologies of contemporary abstract algebra as used by working mathematicians computer scientists physicists and chemists students will learn how to do computations and to write proofs a unique feature of the book are exercises that build the skill of generalizing a skill that students should develop but rarely do applications are included to illustrate the utility of the abstract concepts examples and exercises are the heart of the book examples elucidate the definitions theorems and proof techniques exercises facilitate understanding provide insight and develop the ability to do proofs the exercises often foreshadow definitions concepts and theorems to come changes for the tenth edition include new exercises new examples new quotes and a freshening of the discussion portions the hallmark features of previous editions of the book are enhanced in this edition these include a good mixture of approximately 1900 computational and theoretical exercises including computer exercises that synthesize concepts from multiple chapters approximately 300 worked out examples from routine computations to the challenging many applications from scientific and computing fields and everyday life historical notes and biographies that spotlight people and events motivational and humorous quotations numerous connections to number theory and geometry while many partial solutions and sketches for the odd numbered exercises appear in the book an instructor's solutions manual written by the author has comprehensive solutions for all exercises and some alternative solutions to develop a critical thought and deeper understanding it is available from CRC Press only the student solution manual has comprehensive solutions for all odd numbered exercises and many even numbered exercises

Joseph Gallian is a well known active researcher and award winning teacher his contemporary abstract algebra 6e includes challenging topics in abstract algebra as well as numerous figures tables photographs charts biographies computer exercises and suggested readings that give the subject a current feel and makes the content interesting and relevant for students

whereas many partial solutions and sketches for the odd numbered exercises appear in the book the student solutions manual written by the author has comprehensive solutions for all odd numbered exercises and large number of even numbered exercises this manual also offers many alternative solutions to those appearing in the text these will provide the student with a better understanding of the material this is the only available student solutions manual prepared by the author of contemporary abstract algebra tenth edition and is designed to supplement that text

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