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Students who are interested in taking Saxon Homeschool Geometry course may chose the 4th edition Algebra 1 and Algebra 2 courses, which are designed to accompany Geometry. Featuring the same incremental approach that is the hallmark of the Saxon program, the 4th Edition Algebra 1 and Algebra 2 textbooks feature more algebra and precalculus content and fewer geometry lessons than their 3rd edition counterparts. The fourth edition of this highly-successful textbook has been fully revised and updated. It covers groups, rings, modules and fields, and exhibits the interplay of both group and field theory by means of Galois theory and shows insolvability of a quantic, in general, by radicals. Algebra 1 covers all the topics in a first-year algebra course and builds the algebraic foundtion essential for all students to solve increasingly complex problems. Higher order thinking skills use real-world applications, reasoning and justification to make connections to math strands. Algebra 1 focuses on algebraic thinking and multiple representations -- verbal, numeric, symbolic, and graphical. Graphing calculator labs model mathematical situations. - Publisher. David Poole's innovative LINEAR ALGEBRA: A MODERN INTRODUCTION, 4e emphasizes a vectors approach and better prepares students to make the transition from computational to theoretical mathematics. Balancing theory and applications, the book is written in a conversational style and combines a traditional presentation with a focus on student-centered learning. Theoretical, computational, and applied topics are presented in a flexible yet integrated way. Stressing geometric understanding before computational techniques, vectors and vector geometry are introduced early to help students visualize concepts and develop mathematical maturity for abstract thinking. Additionally, the book includes ample applications drawn from a variety of disciplines, which reinforce the fact that linear algebra is a valuable tool for modeling real-life problems. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This text for a second course in linear algebra, aimed at math majors and graduates, adopts a novel approach by banishing determinants to the end of the book and focusing on understanding the structure of linear operators on vector spaces. The author has taken unusual care to motivate concepts and to simplify proofs. For example, the book presents - without having defined determinants - a clean proof that every linear operator on a finite-dimensional complex vector space has an eigenvalue. The book starts by discussing vector spaces, linear independence, span, basics, and dimension. Students are introduced to inner-product spaces in the first half of the book and shortly thereafter to the finite-dimensional spectral theorem. A variety of interesting exercises in each chapter helps students understand and manipulate the objects of linear algebra. This second edition features new chapters on diagonal matrices, on linear functionals and adjoints, and on the spectral theorem; some sections, such as those on self-adjoint and normal operators, have been entirely rewritten; and hundreds of minor improvements have been made throughout the text.

Geometric Algebra for Computer Science (Revised Edition) presents a compelling alternative to the limitations of linear algebra. Geometric algebra (GA) is a compact, time-effective, and performance-enhancing way to represent the geometry of 3D objects in computer programs. This book explains GA as a natural extension of linear algebra and conveys its significance for 3D programming of geometry in graphics, vision, and robotics. It systematically explores the concepts and techniques that are key to representing elementary objects and geometric operators using GA. It covers in detail the conformal model, a convenient way to implement 3D geometry using a 5D representation space. Numerous drills and programming exercises are helpful for both students and practitioners. A companion web site includes links to GAViewer, a program that will allow you to interact with many of the 3D figures in the book; and Gaigen 2, the platform for the instructive programming exercises that conclude each chapter. The book will be of interest to professionals working in fields requiring complex geometric computation such as robotics, computer graphics, and computer games. It is also be ideal for students in graduate or advanced undergraduate programs in computer science. Explains GA as a natural extension of linear algebra and conveys its significance for 3D programming of geometry in graphics, vision, and robotics.

Systematically explores the concepts and techniques that are key to representing elementary objects and geometric operators using GA. Covers in detail the conformal model, a convenient way to implement 3D geometry using a 5D representation space. Presents effective approaches to making GA an integral part of your programming. Includes numerous drills and programming exercises helpful for both students and practitioners. Companion web site includes links to GAViewer, a program that will allow you to interact with many of the 3D figures in the book, and Gaigen 2, the platform for the instructive programming exercises that conclude each chapter. "Julie Miller, Molly O'Neill, and Nancy Hyde originally wrote their developmental math series because students were entering their College Algebra course underprepared. The students were not mathematically mature enough to understand the concepts of math, nor were they fully engaged with the material. The authors began their developmental mathematics offerings with intermediate algebra to help bridge that gap. This in turn developed into several series of textbooks from Prealgebra through Precalculus to help students at all levels before Calculus"-- Students who are interested in taking Saxon Homeschool Geometry course may chose the 4th edition Algebra 1 and Algebra 2 courses, which are designed to accompany Geometry. Featuring the same incremental approach that is the hallmark of the Saxon program, the 4th Edition Algebra 1 and Algebra 2 textbooks feature more algebra and precalculus content and fewer geometry lessons than their 3rd edition counterparts. David Poole's innovative LINEAR ALGEBRA: A MODERN INTRODUCTION, 4e emphasizes a vectors approach and better prepares students to make the transition from computational to theoretical mathematics. Balancing theory and applications, the book is written in a conversational style and combines a traditional presentation with a focus on student-centered learning. Theoretical, computational, and applied topics are presented in a flexible yet integrated way. Stressing geometric understanding before computational techniques, vectors and vector geometry are introduced early to help students visualize concepts and develop mathematical maturity for abstract thinking. Additionally, the book includes ample applications drawn from a variety of disciplines, which reinforce the fact that linear algebra is a valuable tool for modeling real-life problems. Important Notice: Media content referenced within the product

description or the product text may not be available in the ebook version. This is the first textbook in the Engaging Algebra series. Ratti and McWaters have combined years of lecture notes and classroom experience to bring you a series that connects concepts and maintains course rigor. An extensive array of exercises and learning aids further complements your instruction, which ultimately helps to improve student mathematical understanding and results in the course. -- This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. ALERT: Before you purchase, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. Packages Access codes for Pearson's MyLab & Mastering products may not be included when purchasing or renting from companies other than Pearson; check with the seller before completing your purchase. Used or rental books If you rent or purchase a used book with an access code, the access code may have been redeemed previously and you may have to purchase a new access code. Access codes Access codes that are purchased from sellers other than Pearson carry a higher risk of being either the wrong ISBN or a previously redeemed code. Check with the seller prior to purchase. Designed for undergraduate and postgraduate students of mathematics the book can also be used by those preparing for various competitive examinations. The text starts with a brief introduction to results from set theory and number theory. It then goes on to cover groups, rings, vector spaces (Linear Algebra) and fields. The topics under Groups include subgroups, permutation groups, finite abelian groups, Sylow theorems, direct products, group actions, solvable and nilpotent groups. The course in Ring theory covers ideals, embedding of rings, euclidean domains, PIDs, UFDs, polynomial rings, irreducibility criteria, Noetherian rings. The section on vector spaces deals with linear transformations, inner product spaces, dual spaces, eigen spaces, diagonalizable operators etc. Under fields, algebraic extensions, splitting fields, normal and separable extensions, algebraically closed fields, Galois extensions and

construction by ruler and compass are discussed. The theory has been strongly supported by numerous examples and worked out problems. There is also plenty of scope for the readers to try and solve problems on their own. **NEW IN THIS EDITION** • Learning Objectives and Summary with each chapter • A large number of additional worked-out problems and examples • Alternate proofs of some theorems and lemmas • Reshuffling/Rewriting of certain portions to make them more reader friendly For courses in Algebra and Trigonometry. Effectively emphasizes both concept development and real-life applications The Ratti/McWaters/Skrzypek series draws from the authors' extensive classroom experience to connect concepts while maintaining course rigor. Just-in-time review throughout College Algebra and Trigonometry, 4th Edition ensures that all students are brought to the same level before being introduced to new concepts. Numerous applications are used to help students apply the concepts and skills they learn in college algebra and trigonometry to other courses (including the physical and biological sciences, engineering, economics, and to on-the-job and everyday problem solving). Students are given ample opportunities to think about important mathematical ideas and to practice and apply algebraic skills. Because mathematical concepts are developed thoroughly and with clearly defined terminology, students see the "why" behind those concepts-paving the way for a deeper understanding, better retention, less reliance on rote memorization, and ultimately more success. Also available with MyLab Math. MyLab(tm) Math is the teaching and learning platform that empowers instructors to reach every student. By combining trusted author content with digital tools and a flexible platform, MyLab Math personalizes the learning experience and improves results for each student. Note: You are purchasing a standalone product; MyLab Math does not come packaged with this content. Students, if interested in purchasing this title with MyLab Math, ask your instructor to confirm the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and MyLab Math, search for: 0134850998 / 9780134850993 College Algebra and Trigonometry Plus MyLab Math -- Access Card Package, 4/e Package consists of: 0134860349 / 9780134860343 MyLab Math with Pearson eText - Standalone Access Card - for College Algebra, and Trigonometry,

4/e 0134696476 / 9780134696478 *College Algebra and Trigonometry, 4/e* Accessible but rigorous, this outstanding text encompasses all of the topics covered by a typical course in elementary abstract algebra. Its easy-to-read treatment offers an intuitive approach, featuring informal discussions followed by thematically arranged exercises. This second edition features additional exercises to improve student familiarity with applications. 1990 edition. For courses in Prealgebra & Beginning Algebra. The Rockswold/Krieger algebra series fosters conceptual understanding by developing concepts in context through the use of applications, multiple representations, and visualization. By seeing the concept in context before being given the the mathematical abstraction, students make math part of their own experiences instead of just memorizing techniques. The authors believe this approach deepens conceptual understanding and better prepares students for future math courses and life. The new edition continues to bring concepts to life with even more opportunities for students to visualize the math in real-world contexts--and so, learn key critical-thinking and problem-solving skills--with new features in the text and MyLab (TM) Math. Also Available with MyLab Math. MyLab (TM) Math is an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. Within its structured environment, students practice what they learn, test their understanding, and pursue a personalized study plan that helps them absorb course material and understand difficult concepts. The 4th Edition continues to help students develop conceptual understanding and bring key concepts to life with content and assignments that reflect the authors' approach, including new Section Introduction videos and See the Concept videos with assessment. New Skill Builder assignments offer adaptive practice to build students' foundational skills, and new workspace assignments allow students to show their mathematical reasoning as they progress step-by-step, with specific feedback at each step in the problem-solving process that adjusts to their path. Note: You are purchasing a standalone product; MyLab(TM) Math does not come packaged with this content. Students, if interested in purchasing this title with MyLab Math, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. 0134768728 / 9780134768724 *Beginning and Intermediate Algebra with Applications*

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Bob Blitzer has inspired thousands of students with his engaging approach to mathematics, making this beloved series the #1 in the market. Blitzer draws on his unique background in mathematics and behavioral science to present the full scope of mathematics with vivid applications in real-life situations. Students stay engaged because Blitzer often uses pop-culture and up-to-date references to connect math to students' lives, showing that their world is profoundly mathematical. Tough Test Questions? Missed Lectures? Not Enough Time? Fortunately, there's Schaum's. This all-in-one-package includes more than 1,900 fully solved problems, examples, and practice exercises to sharpen your problem-solving skills. Plus, you will have access to 30 detailed videos featuring Math instructors who explain how to solve the most commonly tested problems--it's just like having your own virtual tutor! You'll find everything you need to build confidence, skills, and knowledge for the highest score possible. More than 40 million students have trusted Schaum's to help them succeed in the classroom and on exams. Schaum's is the key to faster learning and higher grades in every subject. Each Outline presents all the essential course information in an easy-to-follow, topic-by-topic format. Helpful tables and illustrations increase your understanding of the subject at hand. This Schaum's Outline gives you 1,940 fully solved problems Hundreds of additional practice problems with answers Coverage of all course concepts Fully compatible with your classroom text, Schaum's highlights all the important facts you need to know. Use Schaum's to shorten your study time--and get your best test scores! Schaum's Outlines--Problem Solved. Renowned professor and author Gilbert Strang demonstrates that linear algebra is a fascinating subject by showing both its beauty and value. While the mathematics is there, the effort is not all concentrated on proofs. Strang's emphasis is on understanding. He explains concepts, rather than deduces. This book is written in an informal and personal style and teaches real mathematics. The gears change in Chapter 2 as

students reach the introduction of vector spaces. Throughout the book, the theory is motivated and reinforced by genuine applications, allowing pure mathematicians to teach applied mathematics. College Algebra provides a comprehensive exploration of algebraic principles and meets scope and sequence requirements for a typical introductory algebra course. The modular approach and richness of content ensure that the book meets the needs of a variety of courses. College Algebra offers a wealth of examples with detailed, conceptual explanations, building a strong foundation in the material before asking students to apply what they've learned.

Coverage and Scope In determining the concepts, skills, and topics to cover, we engaged dozens of highly experienced instructors with a range of student audiences. The resulting scope and sequence proceeds logically while allowing for a significant amount of flexibility in instruction. Chapters 1 and 2 provide both a review and foundation for study of Functions that begins in Chapter 3. The authors recognize that while some institutions may find this material a prerequisite, other institutions have told us that they have a cohort that need the prerequisite skills built into the course.

Chapter 1: Prerequisites
Chapter 2: Equations and Inequalities
Chapters 3-6: The Algebraic Functions
Chapter 3: Functions
Chapter 4: Linear Functions
Chapter 5: Polynomial and Rational Functions
Chapter 6: Exponential and Logarithm Functions
Chapters 7-9: Further Study in College Algebra
Chapter 7: Systems of Equations and Inequalities
Chapter 8: Analytic Geometry
Chapter 9: Sequences, Probability and Counting Theory

The approach is developmental. Although it covers the requisite material by proving things, it does not assume that students are already able at abstract work. Instead, it proceeds with a great deal of motivation, many computational examples, and exercises that range from routine verifications to (a few) challenges. The goal is, in the context of developing the usual material of an undergraduate linear algebra course, to help raise each student's level of mathematical maturity. For courses in Elementary and Intermediate Algebra

Helping Students Innovatively "Do the Math" Elementary & Intermediate Algebra introduces students to the logic, precision and rigor of mathematics, while building a foundation for success in future math courses. Known for their hallmark examples that give students extra step-by-step support, the authors have continued their successful text pedagogy and have focused in the

revision to translating it to the MyMathLab course for a truly dynamic learning and teaching experience. 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 regardless of their background in mathematics. A wealth of computational and theoretical exercises, ranging from basic to complex, allows readers to test their comprehension of the material. In addition, detailed historical notes and biographies of mathematicians provide context for and illuminate the discussion of key topics. 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 excellent book for courses on the topic at the upper-undergraduate and beginning-graduate levels. The book also serves as a valuable reference and self-study tool for practitioners in the fields of engineering, computer science, and applied mathematics.

Cynthia Young's *College Algebra, Fourth Edition* will allow students to take the guesswork out of studying by providing them with a clear roadmap: what to do, how to do it and whether they did it right, while seamlessly integrating to Young's learning content. *College Algebra, Fourth Edition* is written in a clear, single voice that speaks to students and mirrors how instructors communicate in lecture. Young's hallmark pedagogy enables students to become independent,

successful learners. Varied exercise types and modeling projects keep the learning fresh and motivating. This text continues Young's tradition of fostering a love for succeeding in mathematics. ALERT: Before you purchase, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. NOTE: Make sure to use the dashes shown on the Access Card Code when entering the code. Student can use the URL and phone number below to help answer their questions: <http://247pearsoned.custhelp.com/app/home> 800-677-6337 0134489179 / 9780134489179 Beginning and Intermediate Algebra with Applications & Visualization Plus MyMathLab -- Access Card Package, 4/e Package consists of: 0134474309 / 9780134474304 Beginning and Intermediate Algebra with Applications & Visualization 0321431308 / 9780321431301 MyMathLab -- Glue-in Access Card 0321654064 / 9780321654069 MyMathLab Inside Star Sticker " Elementary Linear Algebra develops and explains in careful detail the computational techniques and fundamental theoretical results central to a first course in linear algebra. This highly acclaimed text focuses on developing the abstract thinking essential for further mathematical study The authors give early, intensive attention to the skills necessary to make students comfortable with mathematical proofs. The text builds a gradual and smooth transition from computational results to general theory of abstract vector spaces. It also provides flexible coverage of practical applications, exploring a comprehensive range of topics. Ancillary list: * Maple Algorithmic testing- Maple TA- www.maplesoft.com Includes a wide variety of applications, technology tips and exercises, organized in chart format for easy reference More than 310 numbered examples in the text at least one for each new concept or application Exercise sets ordered by increasing difficulty, many with multiple parts for a total of more than 2135 questions Provides an early introduction to eigenvalues/eigenvectors A Student solutions manual, containing fully worked out solutions and instructors manual available Students who are interested in taking Saxon Homeschool Geometry course may chose the

4th edition Algebra 1 and Algebra 2 courses, which are designed to accompany Geometry. Featuring the same incremental approach that is the hallmark of the Saxon program, the 4th Edition Algebra 1 and Algebra 2 textbooks feature more algebra and precalculus content and fewer geometry lessons than their 3rd edition counterparts. For courses in Differential Equations and Linear Algebra. Acclaimed authors Edwards and Penney combine core topics in elementary differential equations with those concepts and methods of elementary linear algebra needed for a contemporary combined introduction to differential equations and linear algebra. Known for its real-world applications and its blend of algebraic and geometric approaches, this text discusses mathematical modeling of real-world phenomena, with a fresh new computational and qualitative flavor evident throughout in figures, examples, problems, and applications. In the Third Edition, new graphics and narrative have been added as needed-yet the proven chapter and section structure remains unchanged, so that class notes and syllabi will not require revision for the new edition. This version of the text includes answers to all exercises presented in the book on the same page as the exercises. In addition, the Annotated Instructor's Edition includes helpful Teaching Tips as well as additional examples to be used by the instructor in class called Classroom Examples. Community Exercises are also denoted in the AIE. For courses in Elementary and Intermediate Algebra Helping Readers Innovatively "Do the Math" The Sullivan Elementary & Intermediate Developmental Math Series , 4 th Edition introduces readers to the logic, precision and rigor of mathematics, while building a foundation for future success. Known for their hallmark examples that provide extra step-by-step support, the authors have continued their successful text pedagogy and have focused in the revision to translating it to the MyLab(TM) Math course for a truly dynamic learning and teaching experience. Key revisions to the MyLab Math course include guided "How To" exercises, modeled on the successful Show Case examples and new GeoGebra applet exercises. The Sullivan team has revised their MyLab Math course to ensure that readers are getting the most of the resources they have at their disposal. For example, they offer an enhanced e-text that allows readers to easily and quickly refer back to a specific page for examples. To encourage readers, the author team developed a MyLab Math that helps them develop good study skills,

garner an understanding of the connections between topics, and work smarter in the process. Also available with MyLab Math MyLab(TM) Math is an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. Within its structured environment, students practice what they learn, test their understanding, and pursue a personalized study plan that helps them absorb course material and understand difficult concepts. NOTE: You are purchasing a standalone product; MyLab Math does not come packaged with this content. If you would like to purchase both the physical text and MyLab Math, search for: 0134775422 / 9780134775425 Intermediate Algebra Plus MyLab Math with Pearson eText - Title-Specific Access Card Package Package consists of: 0134555805 / 9780134555805 Intermediate Algebra 0134753259 / 9780134753256 MyLab Math with Pearson eText - Standalone Access Card - for Intermediate Algebra For courses in College Algebra. Effectively emphasizes both concept development and real-life applications The Ratti/McWaters/Skrzypek series draws from the authors' extensive classroom experience to connect concepts while maintaining course rigor. Just-in-time review throughout College Algebra, 4th Edition ensures that all students are brought to the same level before being introduced to new concepts. Numerous applications are used to help students apply the concepts and skills they learn in college algebra and trigonometry to other courses (including the physical and biological sciences, engineering, economics, and to on-the-job and everyday problem solving). Students are given ample opportunities to think about important mathematical ideas and to practice and apply algebraic skills. Because mathematical concepts are developed thoroughly and with clearly defined terminology, students see the "why" behind those concepts--paving the way for a deeper understanding, better retention, less reliance on rote memorization, and ultimately more success. Also available with MyLab Math. MyLab(tm) Math is the teaching and learning platform that empowers instructors to reach every student. By combining trusted author content with digital tools and a flexible platform, MyLab Math personalizes the learning experience and improves results for each student. NOTE: You are purchasing a standalone product; MyLab Math does not come packaged with this content. Students, if interested in purchasing this title with

MyLab Math, ask your instructor to confirm the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and MyLab Math, search for: 0134850947 / 9780134850948 College Algebra Plus MyLab Math - Access Card Package, 4/e Package consists of: 0134860314 / 9780134860312 MyLab Math with Pearson eText - Standalone Access Card - for College Algebra, 4/e 0134696484 / 9780134696485 College Algebra, 4/e For courses in college algebra. Ties concepts together using a functions approach The Concepts Through Functions Series introduces functions at the start of each text, and maintains a continuous theme by introducing/developing a new function in every chapter. Known for their ability to connect with today's students, acclaimed authors Sullivan and Sullivan focus on the fundamentals - preparing for class, practice with homework, and reviewing key concepts - encouraging students to master basic skills and develop the conceptual understanding needed for this and future courses. Graphing utility coverage is optional, and can be included at the discretion of each instructor based on course needs. Also available with MyLab Math MyLab(tm) Math is the teaching and learning platform that empowers instructors to reach every student. By combining trusted author content with digital tools and a flexible platform, MyLab personalizes the learning experience and improves results for each student. Note: You are purchasing a standalone product; MyLab Math does not come packaged with this content. Students, if interested in purchasing this title with MyLab Math, ask your instructor to confirm the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and MyLab Math, search for: 0134859073 / 9780134859071 College Algebra: Concepts Through Functions Plus MyLab Math with eText -- Title-Specific Access Card Package, 4/e Package consists of: 0134686969 / 9780134686967 College Algebra: Concepts Through Functions 0134852311 / 9780134852317 MyLab Math with Pearson eText - Standalone Access Card - for College Algebra: Concepts Through Functions NOTE: This edition features the same content as the traditional text in a convenient, three-hole-punched, loose-leaf version. Books a la Carte also offer a great value--this format costs significantly less than a new textbook. Before purchasing, check

with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. xxxxxxxxxxxxxxxx For courses in linear algebra. This package includes MyMathLab(R). With traditional linear algebra texts, the course is relatively easy for students during the early stages as material is presented in a familiar, concrete setting. However, when abstract concepts are introduced, students often hit a wall. Instructors seem to agree that certain concepts (such as linear independence, spanning, subspace, vector space, and linear transformations) are not easily understood and require time to assimilate. These concepts are fundamental to the study of linear algebra, so students' understanding of them is vital to mastering the subject. This text makes these concepts more accessible by introducing them early in a familiar, concrete " R^n " setting, developing them gradually, and returning to them throughout the text so that when they are discussed in the abstract, students are readily able to understand. Personalize learning with MyMathLab MyMathLab is an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. MyMathLab includes assignable algorithmic exercises, the complete eBook, interactive figures, tools to personalize learning, and more. ALERT: Before you purchase, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. Packages Access codes for Pearson's MyLab & Mastering products may not be included when purchasing or renting from companies other than Pearson; check with the seller before completing your purchase. Used or rental books If you rent or purchase a used book with an access code, the access code may have been redeemed previously and you may have to purchase a new access code. Access codes Access codes that are purchased from sellers other than Pearson carry a higher risk of being

either the wrong ISBN or a previously redeemed code. Check with the seller prior to purchase. -- This package consists of the textbook plus an access kit for MyMathLab/MyStatLab. The Sullivan/Struve/Mazzarella Algebra program is designed to motivate students to "do the math"- at home or in the lab-and supports a variety of learning environments. The text is known for its two-column example format that provides annotations to the left of the algebra. These annotations explain what the authors are about to do in each step (instead of what was just done), just as an instructor would do. MyMathLab provides a wide range of homework, tutorial, and assessment tools that make it easy to manage your course online. 0321894170 / 9780321894175 Intermediate Algebra Plus MyMathLab -- Access Card Package Package consists of: 0321431308 / 9780321431301 MyMathLab/MyStatLab -- Glue-in Access Card 0321654064 / 9780321654069 MyMathLab Inside Star Sticker 0321880129 / 9780321880123 Intermediate Algebra

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