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Algebra 2 Workbook Common Core Standards Edition *Algebra I For Dummies* **Brief Review Math 2015 Common Core Algebra 1 Student Edition Grade 9/12** *Business Math For Dummies* **Algebra 2 Made Easy Common Core Regents Exams and Answers Algebra I Revised Edition Algebra Review Let's Review: Integrated Algebra McGraw-Hill Education Algebra I Review and Workbook A Review of Algebra A Book of Abstract Algebra Algebra 1 Workbook High School Algebra II Barron's Regents Exams and Answers: Algebra II Re-Entry Review of Arithmetic & Preparation for Algebra Algebra I Common Core Regents Course Workbook Business Algebra Understanding Algebra Algebra Algebra 1 Made Easy A Review of Algebra Cliffsnotes Algebra II Common Core Quick Review CliffsNotes Algebra I Quick Review College Algebra Basic Algebra I An Exercise Book in Algebra Basic Math and Pre-Algebra Algebra II Exercise Book: Student Workbook Algebra 2 Workbook Linear Algebra Done Right Algebra Test Prep and Review Common Core Grade 7 Math Prep 2020 CLEP College Algebra Prep 2020 8th Grade Common Core Math Workbook The Algebra Tutor Practice Makes Perfect Algebra II Review and Workbook, Second Edition Advanced Modern Algebra: Third Edition, Part 2 5 Full-Length CLEP College Algebra Practice Tests: The Practice You Need to Ace the CLEP College Algebra Test Algebra II For Dummies CLEP College Algebra Exercise Book**

A quick "how to do it" reference guide recommended for students studying the NEW Common Core standards of Algebra 2. The Only Book an 8th grade student will Ever Need to ACE the Common Core Math Exam! Effortless Math Common Core Workbook provides students with the confidence and math skills they need to succeed on the Common Core State Standards Math test, providing a solid foundation of basic Math topics with abundant exercises for each topic. It is designed to address the needs of students who must have a working knowledge of basic Math. This comprehensive workbook with over 2,500 sample questions and 2 complete 8th Grade Common Core Math tests is all a student needs to fully prepare for the Math tests. It will help students learn everything they need to ace the math exams. There are more than 2,500 Math problems with answers in this book. Effortless Math unique study program provides a student with an in-depth focus on the math test, helping them master the math skills that students find the most troublesome. This workbook contains most common sample questions that are most likely to appear in the Common Core Math exams. Inside the pages of this comprehensive workbook, students can learn basic math operations in a structured manner with a complete study program to help them understand essential math skills. It also has many exciting features, including: Dynamic design and easy-to-follow activities A fun, interactive and concrete learning process Targeted, skill-building practices Fun exercises that build confidence Math topics are grouped by category, so students can focus on the topics they struggle on All solutions for the exercises are included, so you will always find the answers 2 Complete Common Core Math Practice Tests Effortless Common Core Math Workbook is an incredibly useful tool for those who want to review all topics being covered on the Common Core Math tests. It efficiently and effectively reinforces learning outcomes through engaging questions and repeated practice, helping students to quickly master basic Math skills. Published by: Effortless Math Education

www.EffortlessMath.com A workbook with 6 full length practice tests, aligned with the new common core standards of Algebra 2. Each booklet is self contained with spaces for student answers. Barron's Regents Exams and Answers: Algebra I provides essential review for students taking the Algebra I Regents, including actual exams administered for the course, thorough answer explanations, and comprehensive review of all topics. All Regents test dates for 2020 have been canceled. Currently the State Education Department of New York has released tentative test dates for the 2021 Regents. The dates are set for January 26-29, 2021, June 15-25, 2021, and August 12-13th. This edition features: Six actual, administered Regents exams so students can get familiar with the test Comprehensive review questions grouped by topic, to help refresh skills learned in class Thorough explanations for all answers Score analysis charts to help identify strengths and weaknesses Study tips and test-taking strategies All pertinent math topics are covered, including sets, algebraic language, linear equations and formulas, ratios, rates, and proportions, polynomials and factoring, radicals and right triangles, area and volume, and quadratic and exponential functions. Looking for additional practice and review? Check out Barron's Regents Algebra I Power Pack two-volume set, which includes Let's Review Regents: Algebra I in addition to Regents Exams and Answers: Algebra I. The winning formula for success in algebra is practice, practice, practice! This book will help you increase your grasp of advanced algebra concepts. Numerous lessons will teach you such essential skills as transforming functions, completing the square, working with matrices, and determining probability. These lessons are accompanied by a variety of exercises to practice what you've learned, along with a complete answer key to check your work. Throughout this book you will learn terms to further your understanding of algebra, and you will expand your knowledge of the subject through dozens of sample problems and their solutions. With the lessons in this book, you will find it easier than ever to grasp concepts in advanced algebra. And with hundreds of exercises for practice, you will gain confidence using your new algebra skills in your classwork and on exams. You'll be on your way to mastering these topics and more: •Functions•Exponential and logarithmic equations•Arithmetic of complex numbers•The factor theorem•Polynomial and rational equations•Regression equations•Inferential statistics "A Review of Algebra" by Romeyn Henry Rivenburg. Published by Good Press. Good Press publishes a wide range of titles that encompasses every genre. From well-known classics & literary fiction and non-fiction to forgotten—or yet undiscovered gems—of world literature, we issue the books that need to be read. Each Good Press edition has been meticulously edited and formatted to boost readability for all e-readers and devices. Our goal is to produce eBooks that are user-friendly and accessible to everyone in a high-quality digital format. The Only Book You will Ever Need to Prepare for the Pre-Algebra Course! Basic Math and Pre-Algebra provides students with the confidence and math skills they need to succeed on the Pre-Algebra course. This comprehensive Prep book with hundreds of examples and over 2,000 skill building exercises is all you will ever need to fully prepare for the Prep-Algebra. It will help you hone your math skills and boost your confidence -- and do your best to succeed on the Prep-Algebra Test. Whether you are intimidated by math, or even if you were the first to raise your hand in the Math classes, this book can help you incorporate the most effective method and the right strategies to prepare for the Prep-Algebra course successfully. Basic Math and Pre-Algebra is a breakthrough in Math learning — offering a winning formula and the most powerful methods for learning basic pre-algebra topics confidently. The surest way to succeed on Prep-Algebra course is with intensive practice in every math topic tested--and that's what you will get in Basic Math and Pre-Algebra. Each chapter of this focused format has a comprehensive review created by Math experts and instructors that goes into detail to cover all of the content likely to teach in any Prep-Algebra course. Not only does this all-inclusive prep book offer everything you will ever need to conquer Prep-Algebra, it also contains many sample Prep-Algebra questions that reflect the format and question types on the Prep-Algebra exam to help you check your exam-readiness and identify where you need more practice. Inside the pages of this comprehensive prep book, students can learn math topics in a structured manner with a complete study program to help them understand essential math skills. It also has many exciting features, including: Content 100% aligned with the Prep-Algebra

courses Written by Math tutors and experts Complete coverage of all Prep-Algebra concepts and topics Step-by-step guide for all Prep-Algebra Math topics Over 2,000 additional Pre-Algebra practice questions with answers grouped by topic, so you can focus on your weak areas Basic Math and Pre-Algebra is the only book you'll ever need to master Prep-Algebra concepts. It can be used as a self-study course - you do not need to work with a Math tutor. (It can also be used with a Math tutor) Ideal for self-study as well as for classroom usage. Get ready for the Pre-Algebra Exam with a PERFECT Prep Book! Published By: Effortless Math Education www.EffortlessMath.com This engaging review guide and workbook is the ideal tool for sharpening your Algebra I skills! This review guide and workbook will help you strengthen your Algebra I knowledge, and it will enable you to develop new math skills to excel in your high school classwork and on standardized tests. Clear and concise explanations will walk you step by step through each essential math concept. 500 practical review questions, in turn, provide extensive opportunities for you to practice your new skills. If you are looking for material based on national or state standards, this book is your ideal study tool! Features:

- Aligned to national standards, including the Common Core State Standards, as well as the standards of non-Common Core states and Canada
- Designed to help you excel in the classroom and on standardized tests
- Concise, clear explanations offer step-by-step instruction so you can easily grasp key concepts
- You will learn how to apply Algebra I to practical situations
- 500 review questions provide extensive opportunities for you to practice what you've learned

This Algebra workbook's new edition has been updated to replicate questions appearing on the most recent Algebra II test. Here is intensive preparation for the Algebra II course, and a precious learning tool for Algebra takers who need extra practice in math to raise their Algebra II scores. After completing this workbook, you will have solid foundation and adequate practice that is necessary to ace the Algebra II Test. This workbook is your ticket to score higher on Algebra II test. The updated version of this hands-on workbook represents extensive exercises, math problems, sample Algebra II questions, and quizzes with answers and detailed solutions to help you hone your math skills, overcome your exam anxiety, and boost your confidence -- and do your best to defeat Algebra II exam on test day. Each of math exercises is answered in the book which will help you find your weak areas and raise your scores. This is a unique and perfect practice book to beat the Algebra II Test. Separate math chapters offer a complete review of the Algebra course, including: Equations and Inequalities Quadratic Functions and System of Equations Polynomial Operations Functions and their applications Imaginary Numbers Matrices and Matrix Equations Exponential and Logarithmic Functions Trigonometric Functions ... and many more Algebra II topics The surest way to succeed on Algebra II is with intensive practice in every math topic tested--and that's what you will get in Algebra II Exercise Book. Each chapter of this focused format has a comprehensive review created by Math experts that goes into detail to cover all of the content likely to appear on the Algebra II test. Effortless Math Workbook for the Algebra II contains many exciting and unique features to help you improve your Algebra scores, including:

- Content 100% aligned with the Algebra II courses
- Written by experienced Math tutors and test experts
- Complete coverage of all Algebra II concepts and topics which you will be tested
- Over 2,500 additional Algebra II math practice questions in both multiple-choice and grid-in formats with answers grouped by topic, so you can focus on your weak areas
- Abundant Math skill building exercises to help you approach different question types that might be unfamiliar to you
- Exercises on different Algebra II topics such as equations, polynomials, exponents and radicals, functions, etc.

This Algebra II Workbook and other Effortless Math Education books are used by thousands of students each year to help them review core content areas, brush-up in math, discover their strengths and weaknesses, and achieve their best scores on the Algebra test. Get ready for the Algebra II Test with a PERFECT Workbook! Published By: Effortless Math Education www.EffortlessMath.com - Four chapters of Intermediate Algebra review. Perfect for a slower-paced course or for individual review. Crunch numbers and calculate business solutions with this straightforward guide Now, it is easier than ever before to understand complex mathematical concepts and formulas and how they relate to real-world business situations. All you have to do it apply the handy information you will find in Business Math For Dummies. Featuring practical

practice problems to help you expand your skills, this book covers topics like using percents to calculate increases and decreases, applying basic algebra to solve proportions, and working with basic statistics to analyze raw data. Find solutions for finance and payroll applications, including reading financial statements, calculating wages and commissions, and strategic salary planning. Navigate fractions, decimals, and percents in business and real estate transactions, and take fancy math skills to work. You'll be able to read graphs and tables and apply statistics and data analysis. You'll discover ways you can use math in finance and payroll investments, banking and payroll, goods and services, and business facilities and operations. You'll learn how to calculate discounts and markup, use loans and credit, and understand the ins and outs of math for business facilities and operations. You'll be the company math whiz in no time at all! Find out how to: Read graphs and tables Invest in the future Use loans and credit Navigate bank accounts, insurance, budgets, and payroll Calculate discounts and markup Measure properties and handle mortgages and loans Manage rental and commercial properties Complete with lists of ten math shortcuts to do in meetings and drive your coworkers nuts and ten tips for reading annual reports, Business MathFor Dummies is your one-stop guide to solving math problems in business situations. 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. as a student." --Book Jacket. Barron's Regents Exams and Answers: Algebra II provides essential review for students taking the Algebra II (Common Core) exam, including actual exams administered for the course, thorough answer explanations, and comprehensive review of all topics. This edition features: Four actual, administered Regents exams so students can get familiar with the test Comprehensive review questions grouped by topic, to help refresh skills learned in class Thorough explanations for all answers Score analysis charts to help identify strengths and weaknesses Study tips and test-taking strategies All algebra II topics are covered, including Polynomial Equations, Rational Equations, Exponential and Logarithmic Equations, Systems of Equations with Three Variables, Functions, Sequences, and Probability. Looking for additional practice and review? Check out Barron's Algebra II Power Pack two-volume set, which includes Let's Review Algebra II in addition to the Regents Exams and Answers: Algebra II book. A classic text and standard reference for a generation, this volume covers all undergraduate algebra topics, including groups, rings, modules, Galois theory, polynomials, linear algebra, and associative algebra. 1985 edition. The Only Book You will Ever Need to ACE the Algebra 2 Exam! Algebra 2 Workbook provides students with the confidence and math skills they need to succeed in any math course they choose and prepare them for future study of Pre-Calculus and Calculus, providing a solid foundation of Math topics with abundant exercises for each topic. It is designed to address the needs of math students who must have a working knowledge of algebra. This comprehensive workbook with over 2,500 sample questions is all you need to fully prepare for your algebra 2 course. It will help you learn everything you need to ace the algebra 2 exam. Inside the pages of this comprehensive workbook, students can learn algebra operations in a structured manner with a complete study program to help them understand essential math skills. It also has many exciting features, including: Dynamic design and easy-to-follow activitiesA fun, interactive and concrete learning processTargeted, skill-building practicesFun exercises that build confidenceMath topics are grouped by category, so you can focus on the topics you struggle onAll solutions for the exercises are included, so you will always find the answers Algebra 2 Workbook is an incredibly useful tool for those who want to review all topics being taught in algebra 2 courses. It efficiently and effectively reinforces learning outcomes through engaging questions and repeated practice, helping you to quickly master Math skills. Published by: Effortless Math Education www.EffortlessMath.com The Only Book You will Ever Need to Prepare for the Algebra II Course! High School Algebra II provides students with the confidence and math skills they need to succeed on the Algebra II course. This comprehensive Prep book with hundreds of examples and over 2,000 skill building exercises is all you will ever need to fully prepare for the Algebra

2. It will help you hone your math skills and boost your confidence -- and do your best to succeed on the Algebra II Test. Whether you are intimidated by math, or even if you were the first to raise your hand in the Math classes, this book can help you incorporate the most effective method and the right strategies to prepare for the Algebra II course successfully. High School Algebra II is a breakthrough in Math learning — offering a winning formula and the most powerful methods for learning basic and advanced algebra topics confidently. The surest way to succeed on Algebra II course is with intensive practice in every math topic tested--and that's what you will get in High School Algebra II. Each chapter of this focused format has a comprehensive review created by high school Math experts and instructors that goes into detail to cover all of the content likely to teach in any algebra II course. Not only does this all-inclusive prep book offer everything you will ever need to conquer Algebra II, it also contains many sample Algebra II questions that reflect the format and question types on the Algebra II exam to help you check your exam-readiness and identify where you need more practice. Inside the pages of this comprehensive prep book, students can learn math topics in a structured manner with a complete study program to help them understand essential math skills. It also has many exciting features, including: Content 100% aligned with the Algebra II courses Written by Math tutors and experts Complete coverage of all Algebra II concepts and topics Step-by-step guide for all Algebra II Math topics Over 2,000 additional Algebra practice questions with answers grouped by topic, so you can focus on your weak areas High School Algebra II is the only book you'll ever need to master Algebra II concepts. It can be used as a self-study course - you do not need to work with a Math tutor. (It can also be used with a Math tutor) Ideal for self-study as well as for classroom usage. Get ready for the Algebra II Exam with a PERFECT Prep Book! Published By: Effortless Math Education www.EffortlessMath.com This book is your ticket to ace the CLEP College Algebra Math Test! 5 Full-Length CLEP College Algebra Practice Tests, which reflects the 2019 and 2020 test guidelines and topics, is designed to help you hone your math skills, overcome your exam anxiety, and boost your confidence -- and do your best to ace the CLEP College Algebra Test. The realistic and full-length CLEP College Algebra tests show you how the test is structured and what math topics you need to master. The practice test questions are followed by answer explanations to help you find your weak areas, learn from your mistakes, and raise your CLEP College Algebra score. The surest way to succeed on CLEP College Algebra Test is with intensive practice in every math topic tested-- and that's what you will get in 5 Full-Length CLEP College Algebra Practice Tests. This CLEP College Algebra new edition has been updated to replicate questions appearing on the most recent CLEP College Algebra tests. This is a precious learning tool for CLEP College Algebra test takers who need extra practice in math to improve their CLEP College Algebra score. After taking the CLEP College Algebra practice tests in this book, you will have solid foundation and adequate practice that is necessary to succeed on the CLEP College Algebra test. This book is your ticket to ace the CLEP College Algebra Test! 5 Full-Length CLEP College Algebra Practice Tests contains many exciting and unique features to help you improve your test scores, including: Content 100% aligned with the 2019 - 2020 CLEP College Algebra test Written by CLEP College Algebra tutors and test experts Complete coverage of all CLEP College Algebra concepts and topics which you will be tested Detailed answers and explanations for every CLEP College Algebra practice questions to help you learn from your mistakes 5 full-length practice tests (featuring new question types) with detailed answers This CLEP College Algebra book and other Effortless Math Education books are used by thousands of students each year to help them review core content areas, brush-up in math, discover their strengths and weaknesses, and achieve their best scores on the College Algebra test. Get ready for the CLEP College Algebra Test with a PERFECT test book! Published By: Effortless Math Education www.EffortlessMath.com Algebra II For Dummies, 2nd Edition (9781119543145) was previously published as Algebra II For Dummies, 2nd Edition (9781119090625). While this version features a new Dummies cover and design, the content is the same as the prior release and should not be considered a new or updated product. Your complete guide to acing Algebra II Do quadratic equations make you queasy? Does the mere thought of logarithms make you feel lethargic? You're not alone! Algebra can induce anxiety in

the best of us, especially for the masses that have never counted math as their forte. But here's the good news: you no longer have to suffer through statistics, sequences, and series alone. Algebra II For Dummies takes the fear out of this math course and gives you easy-to-follow, friendly guidance on everything you'll encounter in the classroom and arms you with the skills and confidence you need to score high at exam time. Gone are the days that Algebra II is a subject that only the serious 'math' students need to worry about. Now, as the concepts and material covered in a typical Algebra II course are consistently popping up on standardized tests like the SAT and ACT, the demand for advanced guidance on this subject has never been more urgent. Thankfully, this new edition of Algebra II For Dummies answers the call with a friendly and accessible approach to this often-intimidating subject, offering you a closer look at exponentials, graphing inequalities, and other topics in a way you can understand. Examine exponentials like a pro Find out how to graph inequalities Go beyond your Algebra I knowledge Ace your Algebra II exams with ease Whether you're looking to increase your score on a standardized test or simply succeed in your Algebra II course, this friendly guide makes it possible. Do NOT take the CLEP College Algebra test without reviewing the Math questions in this workbook! CLEP College Algebra Exercise book, which reflects the 2019 test guidelines and topics, is dedicated to preparing test takers to ace the CLEP College Algebra Test. This CLEP College Algebra workbook's new edition has been updated to replicate questions appearing on the most recent CLEP College Algebra tests. Here is intensive preparation for the CLEP College Algebra test, and a precious learning tool for test takers who need extra practice in math to raise their CLEP College Algebra scores. After completing this workbook, you will have solid foundation and adequate practice that is necessary to ace the CLEP College Algebra test. This workbook is your ticket to score higher on CLEP College Algebra. The updated version of this hands-on workbook represents extensive exercises, math problems, sample CLEP questions, and quizzes with answers and detailed solutions to help you hone your math skills, overcome your exam anxiety, and boost your confidence -- and do your best to defeat CLEP exam on test day. Each of math exercises is answered in the book and we have provided explanation of the answers for the two full-length CLEP College Algebra practice tests as well which will help test takers find their weak areas and raise their scores. This is a unique and perfect practice book to beat the CLEP College Algebra Test. Separate math chapters offer a complete review of the CLEP College Algebra test, including: Arithmetic and Number Operations Algebra and Functions, Geometry and Measurement Data analysis, Statistics, & Probability ... and also includes two full-length practice tests! The surest way to succeed on CLEP College Algebra Test is with intensive practice in every math topic tested--and that's what you will get in CLEP College Algebra Exercise Book. Each chapter of this focused format has a comprehensive review created by Test Prep experts that goes into detail to cover all of the content likely to appear on the CLEP College Algebra test. Not only does this all-inclusive workbook offer everything you will ever need to conquer CLEP College Algebra test, it also contains two full-length and realistic CLEP College Algebra tests that reflect the format and question types on the CLEP to help you check your exam-readiness and identify where you need more practice. Effortless Math Workbook for the CLEP Test contains many exciting and unique features to help you improve your test scores, including: Content 100% aligned with the 2019 CLEP test Written by CLEP College Algebra tutors and test experts Complete coverage of all CLEP College Algebra concepts and topics which you will be tested Over 2,500 additional CLEP College Algebra practice questions in both multiple-choice and grid-in formats with answers grouped by topic, so you can focus on your weak areas Abundant Math skill building exercises to help test-takers approach different question types that might be unfamiliar to them Exercises on different CLEP College Algebra topics such as integers, percent, equations, polynomials, exponents and radicals 2 full-length practice tests (featuring new question types) with detailed answers This CLEP College Algebra Workbook and other Effortless Math Education books are used by thousands of students each year to help them review core content areas, brush-up in math, discover their strengths and weaknesses, and achieve their best scores on the CLEP test. Get ready for the CLEP College Algebra Test with a PERFECT Math Workbook! Published By: Effortless Math Education www.EffortlessMath.com

Reflecting the latest New York State curriculum change, this brand-new addition to Barron's Let's Review series covers all topics prescribed by the New York State Board of Regents for the new Integrated Algebra Regents exam, which replaces the Math A Regents exam. This book stresses rapid learning, using many step-by-step demonstration examples, helpful diagrams, enlightening "Math Fact" summaries, and graphing calculator approaches. Fourteen chapters review the following topics: sets, operations, and algebraic language; linear equations and formulas; problem solving and technology; ratios, rates, and proportions; polynomials and factoring; rational expressions and equations; radicals and right triangles; area and volume; linear equations and graphing; functions, graphs, and models; systems of linear equations and inequalities; quadratic and exponential functions; statistics and visual representations of data; and counting and probability of compound events. Exercise sections within each chapter feature a large sampling of Regents-type multiple-choice and extended response questions, with answers at the back of the book. Students will find this book helpful when they need additional explanation and practice on a troublesome topic, or when they want to review specific topics before taking a classroom test or the Regents exam. Teachers will value it as a lesson-planning aid, and as a source of classroom exercises, homework problems, and test questions. This book is the second part of the new edition of *Advanced Modern Algebra* (the first part published as *Graduate Studies in Mathematics, Volume 165*). Compared to the previous edition, the material has been significantly reorganized and many sections have been rewritten. The book presents many topics mentioned in the first part in greater depth and in more detail. The five chapters of the book are devoted to group theory, representation theory, homological algebra, categories, and commutative algebra, respectively. The book can be used as a text for a second abstract algebra graduate course, as a source of additional material to a first abstract algebra graduate course, or for self-study. *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 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. Inside the Book: Preliminaries and Basic Operations Signed Numbers, Fractions, and Percents Terminology, Sets, and Expressions Equations, Ratios, and

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