

Csi Algebra Factoring And Quadratic Functions Answers

Computational Complexity National Education Association Educational Computer Service's Yellow Book Quantum Machine Learning The King's Chessboard The Apollo Guidance Computer When the Butterflies Came N-Gen Math 8 Math for Real Life Bowker's Complete Video Directory 2000 Appendix to the Journals of the Senate and Assembly of the Legislature of the State of California Algebra and Trigonometry Risk-Based and Factor Investing Exactly Solved Models in Statistical Mechanics The Quick Guide to Classroom Management: 45 Secrets That All High School Teachers Need to Know Cliffs Study Solver: Algebra II Mathematical Reviews Software-Defined Radio for Engineers Theory of Statistics Algebraic Groups Which One Doesn't Belong? Lattice Coding for Signals and Networks The Calculus Diaries Sir Cumference and the Isle of Immeter Trigonometry Algebra II For Dummies Algebra II Workbook For Dummies Journal of Developmental Education Algebra I For Dummies Puzzling Algebra Advances in Cryptology - ASIACRYPT 2019 A Course in Number Theory and Cryptography Advances in Computer Science and Engineering A Computational Introduction to Number Theory and Algebra Common Core Algebra I State Estimation for Robotics Algebra I Workbook For Dummies Teaching and Learning Mathematics Online Advances in Integrated Energy Systems Design, Control and Optimization Bulletin Double Affine Hecke Algebras

Computational Complexity

National Education Association Educational Computer Service's Yellow Book

This is a substantially revised and updated introduction to arithmetic topics, both ancient and modern, that have been at the centre of interest in applications of number theory, particularly in cryptography. As such, no background in algebra or number theory is assumed, and the book begins with a discussion of the basic number theory that is needed. The approach taken is algorithmic, emphasising estimates of the efficiency of the techniques that arise from the theory, and one special feature is the inclusion of recent applications of the theory of elliptic curves. Extensive exercises and careful answers are an integral part all of the chapters.

Quantum Machine Learning

Most books about classroom management are filled with tricks and techniques that help the teacher to engage with his or her students in a better way. Like paracetamol for a chronic headache, these books offer a temporary relief for the symptoms of bad teacher-student rapport without addressing the root causes. The Quick Guide to Classroom Management: 45 Secrets That All High School Teachers Need to Know is not one of those books. In this new and

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updated SEcond Edition, effective classroom management techniques are described thoroughly using case-studies, fundamental principles and illustrations throughout. New features of the second edition include: 1. Questions within each chapter to support your study (with full answers on the author's website) 2. Extracts from the author's blog at richardjamesrogers.com 3. New additions, including tips for effectively using ICT in your teaching and methods to bring humour into your lessons. This book will teach you, through the hard-earned experience of the author and the contributors, the secrets of: 1. Working effectively with parents: your key customers 2. Enjoying productive relationships with your co-workers 3. Building and maintaining rapport with your students 4. Actively engaging your students in the learning process 5. Engaging your advanced learners (such as your 'A' - Level, SAT and IBDP students) 6. Managing student behaviour in a way that is non-confrontational 7. Using ICT to effectively enhance the learning process 8. Teaching overseas, and the special challenges this involves. Fully illustrated with infographics, images, diagrams and charts (and with extensive citations throughout) this book offers a 'breath of fresh air' for the pedagogical literature scene and provides a high-quality, accessible and essential guide for every high school teacher.

The King's Chessboard

New and classical results in computational complexity, including interactive proofs, PCP, derandomization, and quantum computation. Ideal for

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graduate students.

The Apollo Guidance Computer

Talking math with your child is simple and even entertaining with this better approach to shapes! Written by a celebrated math educator, this innovative inquiry encourages critical thinking and sparks memorable mathematical conversations. Children and their parents answer the same question about each set of four shapes: "Which one doesn't belong?" There's no one right answer--the important thing is to have a reason why. Kids might describe the shapes as squished, smooshed, dented, or even goofy. But when they justify their thinking, they're talking math! Winner of the Mathical Book Prize for books that inspire children to see math all around them. "This is one shape book that will both challenge readers' thinking and encourage them to think outside the box."--Kirkus Reviews, STARRED review

When the Butterflies Came

This introductory book emphasises algorithms and applications, such as cryptography and error correcting codes.

N-Gen Math 8

A modern look at state estimation, targeted at students and practitioners of robotics, with emphasis on three-dimensional applications.

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Math for Real Life

Links information theory and digital communication through the language of lattice codes, featuring many advanced practical setups and techniques.

Bowker's Complete Video Directory 2000

Appendix to the Journals of the Senate and Assembly of the Legislature of the State of California

From signed numbers to story problems — calculate equations with ease Practice is the key to improving your algebra skills, and that's what this workbook is all about. This hands-on guide focuses on helping you solve the many types of algebra problems you'll encounter in a focused, step-by-step manner. With just enough refresher explanations before each set of problems, this workbook shows you how to work with fractions, exponents, factoring, linear and quadratic equations, inequalities, graphs, and more! 100s of problems! Hundreds of practice exercises and helpful explanations Explanations mirror teaching methods and classroom protocols Focused, modular content presented in step-by-step lessons Practice on hundreds of Algebra I problems Review key concepts and formulas Get complete answer explanations for all problems

Algebra and Trigonometry

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This book is a printed edition of the Special Issue "Advances in Integrated Energy Systems Design, Control and Optimization" that was published in Applied Sciences

Risk-Based and Factor Investing

Quantum Machine Learning bridges the gap between abstract developments in quantum computing and the applied research on machine learning. Paring down the complexity of the disciplines involved, it focuses on providing a synthesis that explains the most important machine learning algorithms in a quantum framework. Theoretical advances in quantum computing are hard to follow for computer scientists, and sometimes even for researchers involved in the field. The lack of a step-by-step guide hampers the broader understanding of this emergent interdisciplinary body of research. Quantum Machine Learning sets the scene for a deeper understanding of the subject for readers of different backgrounds. The author has carefully constructed a clear comparison of classical learning algorithms and their quantum counterparts, thus making differences in computational complexity and learning performance apparent. This book synthesizes of a broad array of research into a manageable and concise presentation, with practical examples and applications. Bridges the gap between abstract developments in quantum computing with the applied research on machine learning Provides the theoretical minimum of machine learning, quantum mechanics, and quantum computing Gives step-by-step guidance to a broader

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understanding of this emergent interdisciplinary body of research

Exactly Solved Models in Statistical Mechanics

Online education has become a major component of higher education worldwide. In mathematics and statistics courses, there exists a number of challenges that are unique to the teaching and learning of mathematics and statistics in an online environment. These challenges are deeply connected to already existing difficulties related to math anxiety, conceptual understanding of mathematical ideas, communicating mathematically, and the appropriate use of technology. Teaching and Learning Mathematics Online bridges these issues by presenting meaningful and practical solutions for teaching mathematics and statistics online. It focuses on the problems observed by mathematics instructors currently working in the field who strive to hone their craft and share best practices with our professional community. The book provides a set of standard practices, improving the quality of online teaching and the learning of mathematics. Instructors will benefit from learning new techniques and approaches to delivering content. Features Based on the experiences of working educators in the field Assimilates the latest technology developments for interactive distance education Focuses on mathematical education for developing early mathematics courses

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The Quick Guide to Classroom Management: 45 Secrets That All High School Teachers Need to Know

A proud king, too vain to admit what he does not know, learns a valuable lesson when he readily grants his wise man a special request

CliffsStudySolver: Algebra II

Comprehensive introduction to the theory of algebraic group schemes over fields, based on modern algebraic geometry, with few prerequisites.

Mathematical Reviews

"The text is suitable for a typical introductory algebra course, and was developed to be used flexibly. While the breadth of topics may go beyond what an instructor would cover, the modular approach and the richness of content ensures that the book meets the needs of a variety of programs."--Page 1.

Software-Defined Radio for Engineers

Theory of Statistics

This college level trigonometry text may be different than most other trigonometry textbooks. In this book, the reader is expected to do more than read the book but is expected to study the material in the book by

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working out examples rather than just reading about them. So the book is not just about mathematical content (although it does contain important topics in trigonometry needed for further study in mathematics), but it is also about the process of learning and doing mathematics and is designed not to be just casually read but rather to be engaged. Recognizing that actively studying a mathematics book is often not easy, several features of the textbook have been designed to help students become more engaged as they study the material. Some of the features are: Beginning activities in each section that engage students with the material to be introduced, focus questions that help students stay focused on what is important in the section, progress checks that are short exercises or activities that replace the standard examples in most textbooks, a section summary, and appendices with answers for the progress checks and selected exercises.

Algebraic Groups

The CliffsStudySolver workbooks combine 20 percent review material with 80 percent practice problems (and the answers!) to help make your lessons stick. CliffsStudySolver Algebra II is for students who want to reinforce their knowledge with a learn-by-doing approach. Inside, you'll get the practice you need to factor and solve equations with handy tools such as Straightforward, concise reviews of every topic Practice problems in every chapter — with explanations and solutions A diagnostic pretest to assess your current skills A full-length exam that

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adapts to your skill level Beginning with the rules for exponents and operations involving polynomials, this workbook ventures into quadratic equations, function transformations, rational root theorem, and more. You'll explore factoring by grouping, graphing, complex numbers, and hyperbola, plus details about Solving exponential and logarithmic equations Using a graphing calculator to graph lines and polynomials Dealing with story problems using systems of equations Performing scalar and matrix multiplication Factoring binomials, trinomials, and other polynomials Practice makes perfect — and whether you're taking lessons or teaching yourself, CliffsStudySolver guides can help you make the grade.

Which One Doesn't Belong?

Lattice Coding for Signals and Networks

Join Sir Cumference and the gang for more wordplay, puns, and problem solving in the clever math adventure that introduces readers to the concepts of area and perimeters. When young Per visits her uncle Sir Cumference and his family, she learns how to play the game, "Inners and Edges." After she finds a clue linking the game to the mysterious castle on the island of Immeter, she must figure out how to find the perimeter and area of a circle to unlock the island's secret. Fans will love cracking the code with Per and the gang in this new installment of the Sir Cumference series that makes math fun and accessible for all.

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The Calculus Diaries

This is an essentially self-contained monograph in an intriguing field of fundamental importance for Representation Theory, Harmonic Analysis, Mathematical Physics, and Combinatorics. It is a major source of general information about the double affine Hecke algebra, also called Cherednik's algebra, and its impressive applications. Chapter 1 is devoted to the Knizhnik-Zamolodchikov equations attached to root systems and their relations to affine Hecke algebras, Kac-Moody algebras, and Fourier analysis. Chapter 2 contains a systematic exposition of the representation theory of the one-dimensional DAHA. It is the simplest case but far from trivial with deep connections in the theory of special functions. Chapter 3 is about DAHA in full generality, including applications to Macdonald polynomials, Fourier transforms, Gauss-Selberg integrals, Verlinde algebras, and Gaussian sums. This book is designed for mathematicians and physicists, experts and students, for those who want to master the double Hecke algebra technique. Visit <http://arxiv.org/math.QA/0404307> to read Chapter 0 and selected topics from other chapters.

Sir Cumference and the Isle of Immeter

Boost your chances of scoring higher at Algebra II
Algebra II introduces students to complex algebra concepts in preparation for trigonometry and calculus. In this new edition of Algebra II Workbook For Dummies, high school and college students will work

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through the types of Algebra II problems they'll see in class, including systems of equations, matrices, graphs, and conic sections. Plus, the book now comes with free 1-year access to chapter quizzes online! A recent report by ACT shows that over a quarter of ACT-tested 2012 high school graduates did not meet any of the four college readiness benchmarks in mathematics, English, reading, and science. Algebra II Workbook For Dummies presents tricky topics in plain English and short lessons, with examples and practice at every step to help students master the essentials, setting them up for success with each new lesson. Tracks to a typical Algebra II class Can be used as a supplement to classroom learning or for test prep Includes plenty of practice and examples throughout Comes with free access to chapter quizzes online Get ready to take the intimidation out of Algebra II!

Trigonometry

A moving story of a young girl's struggle with love, loss, family, and magic from the beyond, from critically acclaimed author Kimberley Griffiths Little. Everybody thinks Tara Doucet has the perfect life. But Tara's life is anything but perfect: Her dear Grammy Claire has just passed away, her mom is depressed and distant, and she and her sister, Riley, can't agree on anything. But when mysterious and dazzling butterflies begin to follow her around after Grammy Claire's funeral, Tara knows in her heart that her grandmother has left her one final mystery to solve. Tara finds a stack of keys and detailed letters from Grammy Claire. Note by note, Tara learns unexpected

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truths about her grandmother's life. As the letters grow more ominous and the clues harder to decipher, Tara realizes that the secrets she must uncover could lead to grave danger. And when Tara and Riley are swept away to the beautiful islands of Chuuk to hear their grandmother's will, Tara discovers the most shocking truth of all, one that will change her life forever. Kimberley Griffiths Little weaves a magical, breathtaking mystery full of loss and love, family and faith.

Algebra II For Dummies

The technological marvel that facilitated the Apollo missions to the Moon was the on-board computer. In the 1960s most computers filled an entire room, but the spacecraft's computer was required to be compact and low power. Although people today find it difficult to accept that it was possible to control a spacecraft using such a 'primitive' computer, it nevertheless had capabilities that are advanced even by today's standards. This is the first book to fully describe the Apollo guidance computer's architecture, instruction format and programs used by the astronauts. As a comprehensive account, it will span the disciplines of computer science, electrical and aerospace engineering. However, it will also be accessible to the 'space enthusiast'. In short, the intention is for this to be the definitive account of the Apollo guidance computer. Frank O'Brien's interest in the Apollo program began as a serious amateur historian. About 12 years ago, he began performing research and writing essays for the Apollo Lunar

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Surface Journal, and the Apollo Flight Journal. Much of this work centered on his primary interests, the Apollo Guidance Computer (AGC) and the Lunar Module. These Journals are generally considered the canonical online reference on the flights to the Moon. He was then asked to assist the curatorial staff in the creation of the Cradle of Aviation Museum, on Long Island, New York, where he helped prepare the Lunar Module simulator, a LM procedure trainer and an Apollo space suit for display. He regularly lectures on the Apollo computer and related topics to diverse groups, from NASA's computer engineering conferences, the IEEE/ACM, computer festivals and university student groups.

Algebra II Workbook For Dummies

Journal of Developmental Education

Algebra I For Dummies

This book is a compilation of recent articles written by leading academics and practitioners in the area of risk-based and factor investing (RBFi). The articles are intended to introduce readers to some of the latest, cutting edge research encountered by academics and professionals dealing with RBFi solutions. Together the authors detail both alternative non-return based portfolio construction techniques and investing style risk premia strategies. Each chapter deals with new methods of building strategic and tactical risk-based

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portfolios, constructing and combining systematic factor strategies and assessing the related rules-based investment performances. This book can assist portfolio managers, asset owners, consultants, academics and students who wish to further their understanding of the science and art of risk-based and factor investing. Contains up-to-date research from the areas of RBF Features contributions from leading academics and practitioners in this field Features discussions of new methods of building strategic and tactical risk-based portfolios for practitioners, academics and students

Puzzling Algebra

The aim of this graduate textbook is to provide a comprehensive advanced course in the theory of statistics covering those topics in estimation, testing, and large sample theory which a graduate student might typically need to learn as preparation for work on a Ph.D. An important strength of this book is that it provides a mathematically rigorous and even-handed account of both Classical and Bayesian inference in order to give readers a broad perspective. For example, the "uniformly most powerful" approach to testing is contrasted with available decision-theoretic approaches.

Advances in Cryptology - ASIACRYPT 2019

A Course in Number Theory and

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Cryptography

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

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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.

Advances in Computer Science and Engineering

Exactly Solved Models in Statistical Mechanics

A Computational Introduction to Number Theory and Algebra

Kiss My Math meets A Tour of the Calculus Jennifer Ouellette never took math in college, mostly because she-like most people-assumed that she wouldn't need it in real life. But then the English-major-turned-award-winning-science-writer had a change of heart and decided to revisit the equations and formulas that had haunted her for years. The Calculus Diaries is the fun and fascinating account of her year spent confronting her math phobia head on. With wit and verve, Ouellette shows how she learned to apply calculus to everything from gas mileage to dieting, from the rides at Disneyland to shooting craps in Vegas-proving that even the mathematically challenged can learn the fundamentals of the universal language.

Common Core Algebra I

"Where are we ever going to use this?" Every high school math student has asked this question. Often

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teachers themselves aren't sure how to respond. One answer is that higher mathematics learned in high school will be essential to learning yet more at the college level. A more satisfactory answer calls for an awareness of how math is applied in many specific areas. Written primarily for teachers, this book presents hundreds of practical applications for mathematics--from baseball statistics to the theory of relativity--that can be understood by anyone with a knowledge of high school algebra, geometry and trigonometry.

State Estimation for Robotics

Based on the popular Artech House classic, Digital Communication Systems Engineering with Software-Defined Radio, this book provides a practical approach to quickly learning the software-defined radio (SDR) concepts needed for work in the field. This up-to-date volume guides readers on how to quickly prototype wireless designs using SDR for real-world testing and experimentation. This book explores advanced wireless communication techniques such as OFDM, LTE, WLA, and hardware targeting. Readers will gain an understanding of the core concepts behind wireless hardware, such as the radio frequency front-end, analog-to-digital and digital-to-analog converters, as well as various processing technologies. Moreover, this volume includes chapters on timing estimation, matched filtering, frame synchronization message decoding, and source coding. The orthogonal frequency division multiplexing is explained and details about HDL code

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generation and deployment are provided. The book concludes with coverage of the WLAN toolbox with OFDM beacon reception and the LTE toolbox with downlink reception. Multiple case studies are provided throughout the book. Both MATLAB and Simulink source code are included to assist readers with their projects in the field.

Algebra I Workbook For Dummies

The three-volume set of LNCS 11921,11922, and 11923 constitutes the refereed proceedings of the 25th International Conference on the Theory and Applications of Cryptology and Information Security, ASIACRYPT 2019, held in Kobe, Japan, in December 2019. The 71 revised full papers presented were carefully reviewed and selected from 307 submissions. They are organized in topical sections on Lattices; Symmetric Cryptography; Isogenies; Obfuscation; Multiparty Computation; Quantum; E-cash and Blockchain; Codes; Authenticated Encryption; Multilinear Maps; Homomorphic Encryption; Combinatorial Cryptography; Signatures; Public Key Encryption; Side Channels; Functional Encryption; Zero Knowledge.

Teaching and Learning Mathematics Online

This book was written to provide math teachers with supplemental resources they can use in their classrooms. This book can also be used by students to improve their skills. Tutorials are included with many

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of the activities so you can learn at your own pace. Topics can be used for Alg 1 and 2, as well as Integrated Math I, II, and III. Topics include: order of operations, solving many types of equations, exponents, mult/divide scientific notation, percentages, distance formula, Pythagorean Theorem, area of triangles from determinants, basic circles, square roots, mean, median, mode, geometric mean, box and whisker plots, matrices (cryptography and inverses), plotting points, graphing circles, lines, and parabolas, long and synthetic division of polynomials, FOIL, Quadratic Formula, logarithms, factoring, and the Binary number system.

Advances in Integrated Energy Systems Design, Control and Optimization

Bulletin

It is our pleasure to welcome you to the proceedings of the 13th International Computer Society of Iran Computer Conference (CSICC-2008). The conference has been held annually since 1995, except for 1998, when it transitioned from a year-end to first-quarter schedule. It has been moving in the direction of greater selectivity (see Fig.1) and broader international participation. Holding it in Kish Island this year represents an effort to further facilitate and encourage international contributions. We feel privileged to participate in further advancing this strong technical tradition.

60 50 40 30 20 10 0 Dec
23-26 Dec 23-25 Dec 23-25 Jan 26-28 Mar 8-10 Feb

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21-23 Feb 28-30 Feb 23-26 Feb 16-19 Feb 15-18 Jan
24-26 Feb 20-22 Mar 9-11 1995 1996 1997 Iran 1999
2000 2001 U of 2002 Iran 2003 2004 2005 Iran 2006
IPM, 2007 2008 Sharif U Amirkabir U of Sharif U
Shahid Isfahan, Telecom Ferdowsi Sharif U Telecom
Tehran Shahid Sharif U of Tech, U of Tech, Sci/Tech, of
Tech, Beheshti Isfahan Res. U, of Tech, Res. Beheshti
of Tech, Tehran Tehran Tehran Tehran U, Tehran
Center Mashhad Tehran Center U, Tehran Kish Island
Dates, Year, Venue

Double Affine Hecke Algebras

Algebra I For Dummies, 2nd Edition (9781119293576) was previously published as Algebra I For Dummies, 2nd Edition (9780470559642). 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. Factor fearlessly, conquer the quadratic formula, and solve linear equations There's no doubt that algebra can be easy to some while extremely challenging to others. If you're vexed by variables, Algebra I For Dummies, 2nd Edition provides the plain-English, easy-to-follow guidance you need to get the right solution every time! Now with 25% new and revised content, this easy-to-understand reference not only explains algebra in terms you can understand, but it also gives you the necessary tools to solve complex problems with confidence. You'll understand how to factor fearlessly, conquer the quadratic formula, and solve linear equations. Includes revised and updated examples and practice problems Provides

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explanations and practical examples that mirror today's teaching methods Other titles by Sterling: Algebra II For Dummies and Algebra Workbook For Dummies Whether you're currently enrolled in a high school or college algebra course or are just looking to brush-up your skills, Algebra I For Dummies, 2nd Edition gives you friendly and comprehensible guidance on this often difficult-to-grasp subject.

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