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The Cumulative Book Index 1986 A world list of books in the English language.
Ohio Schools 1962
Cumulative Book Index 1986
Official Textbook Adoption List 1979
Kansas Schools 1957
Geometry for Enjoyment and Challenge Richard Rhoad 1991-06-01
Modern Basic Geometry Ray C. Jurgensen 1976
Pure and Applied Science Books, 1876-1982 1982 Over 220,000 entries representing some 56,000 Library of Congress subject headings. Covers all disciplines of science and technology, e.g., engineering, agriculture, and domestic arts. Also contains at least 5000 titles published before 1876. Has many applications in libraries, information centers, and other organizations concerned with scientific and technological literature. Subject index contains main listing of entries. Each entry gives cataloging as prepared by the Library of Congress. Author/title indexes.
Computer Theology 2008
The Geometric Supposer Judah L. Schwartz 2013-06-17 This volume is a case study of education reform and innovation using technology that examines the issue from a wide variety of perspectives. It brings together the views and experiences of software designers, curriculum writers, teachers and students, researchers and administrators. Thus, it stands in contrast to other analyses of innovation that tend to look through the particular prisms of research, classroom practice, or software design. The Geometric Supposer encourages a belief in a better tomorrow for schools. On its surface, the Geometric Supposer provides the means for radically altering the way in which geometry is taught and the quality of learning that can be achieved. At a deeper level, however, it suggests a powerful metaphor for improving education that can be played out in many different instructional contexts.
Elementary Algebra Lynn Marecek 2017-02-22 "Elementary Algebra is designed to meet the scope and sequence requirements of a one-semester elementary algebra course. The book's organization makes it easy to adapt to a variety of course syllabi. The text expands on the fundamental concepts of algebra while addressing the needs of students with diverse backgrounds and learning styles. Each topic builds upon previously developed material to demonstrate the cohesiveness and structure of mathematics."--Open Textbook Library.
The Facts on File Dictionary of Mathematics John Daintith 2009-01-01 An illustrated dictionary of mathematical terms and concepts.
Introduction to Geometry Richard Rusczyk 2007-07-01
Geometry Harold R. Jacobs 2017-02-28 Geometry Designed for Understanding Jacobs' Geometry utilizes a clear, conversational, engaging approach to teach your student the concepts, principles, and application of Geometry through practical, real-life application! Harold Jacobs guides your student through Geometry, enabling them to discover the concepts & their applications for themselves in order to develop an understanding of the principles that goes beyond simple memorization to pass a test. Jacobs' unique instructional approach to math means your student: Develops a true understanding of geometric principlesInteracts with concepts using real-world examples, ensuring they'll know exactly how to apply the material they are learning to real-life and other academic subjectsIs prepared to take their understanding of Geometry concepts outside the math textbook and successfully apply them to higher math courses, sciences, & everyday lifeIs equipped with an understanding of

the foundational mathematical concepts of Geometry—and once a student truly understands the concepts in Geometry, they are equipped & prepared for all higher math & sciences! Engaging, Real-World Instruction Understanding both the why and how of Geometry is foundational to your student's success in high school and college. Jacobs' Geometry provides students with a clear and thorough understanding of why concepts work, as well as how they are applied to solve real-world problems. A Top Choice for High School Success & College Prep Jacobs' Geometry has proven its ability to guide students towards success and is still the choice of top teachers and schools. The unique instructional method within Jacobs' Geometry ensures your student understands both the why and how of Geometry and establishes a strong foundation for higher math & science courses. If your student is planning for college or a STEM career, Jacobs' Geometry ensures they are equipped with the tools they need to succeed! Geometry Student Text Includes: Full Color Illustrations16 sections, covering deductive reasoning, lines & angles, congruence, inequalities, quadrilaterals, area, triangles, circles, theorems, polygons, geometric solids, and more!Answers to select exercises in the back of the textFlexible based on focus & intensity of courseSet I exercises review ideas & concepts from previous lessons to provide ongoing application of material.Set II exercises allow student to apply material from the new lessonSet III exercises provided additional, more challenging problems

El-Hi Textbooks & Serials in Print, 2000 2000

Handbook of Optical Sensing of Glucose in Biological Fluids and Tissues Valery V. Tuchin 2008-12-22 Although noninvasive, continuous monitoring of glucose concentration in blood and tissues is one of the most challenging areas in medicine, a wide range of optical techniques has recently been designed to help develop robust noninvasive methods for glucose sensing. For the first time in book form, the Handbook of Optical Sensing of Glucose in Biological Fluids and Tissues analyzes trends in noninvasive optical glucose sensing and discusses its impact on tissue optical properties. This handbook presents methods that improve the accuracy in glucose prediction based on infrared absorption spectroscopy, recent studies on the influence of acute hyperglycemia on cerebral blood flow, and the correlation between diabetes and the thermo-optical response of human skin. It examines skin glucose monitoring by near-infrared spectroscopy (NIR), fluorescence-based glucose biosensors, and a photonic crystal contact lens sensor. The contributors also explore problems of polarimetric glucose sensing in transparent and turbid tissues as well as offer a high-resolution optical technique for noninvasive, continuous, and accurate blood glucose monitoring and glucose diffusion measurement. Written by world-renowned experts in biomedical optics and biophotonics, this book gives a complete, state-of-the-art treatise on the design and applications of noninvasive optical methods and instruments for glucose sensing.

Placing the Academy Jennifer Sinor 2007-03-31 A set of creative writers here responds to the call for literature that addresses who we are by understanding where we are—where, for each of them, being somehow part of the academy. Their personal essays delineate the diverse, sometimes unexpected roles of place in shaping them, as writers and teachers in varied environments, through unique experiences and distinctive worldviews—in reconfiguring their conjunctions of identity and setting, here, there, everywhere, and in between. Offering creative comments on place, identity, and academic work are authors Charles Bergman, Mary Clearman Blew, Jayne Brim Box, Jeffrey M. Buchanan, Norma Elia Cantú, Katherine Fischer, Kathryn T. Flannery, Diana Garcia, Janice M. Gould, Seán W. Henne, Rona Kaufman, Deborah A. Miranda, Erin E. Moore, Kathleen Dean Moore, Robert Michael Pyle, Jennifer Sinor, Scott Slovic, Michael Sowder, Lee Torda, Charles Waugh, and Mitsuye Yamada.

El-Hi Textbooks & Serials in Print, 2005 2005

The Supporting Roots of Trees and Woody Plants: Form, Function and Physiology A. Stokes 2013-04-17 This publication comprises the proceedings of the first International Conference devoted to the structural roots of trees and woody plants. 'The Supporting Roots - Structure and Function,' 20-24 July 1998, Bordeaux, France. The meeting was held under the auspices ofIUFRO WPS 2. 01. 13 'Root Physiology and Symbiosis,' and its aim was to bring together scientific researchers, foresters and arboriculturalists, to discuss current problems in structural root research and disseminate knowledge to an audience from a wide disciplinary background. For the first time in an international conference, emphasis was placed on presenting recent reseach in the field of tree anchorage mechanics and root biomechanics. The way in which tree stability can be affected by root system symmetry and architecture was addressed, as well as how movement during wind sway can influence the development and shape of woody roots. The role of different nursery and planting techniques was discussed, in relation to effects on root system form and development. Root response to different environmental stresses, including water, temperature, nutrient and mechanical stress was addressed in detail. The structure and function of woody roots was also considered at different levels, from coarse to fine roots, with several papers discussing the interaction between roots and the rhizosphere. One of the conference highlights was the presentation of new methods in root research, by a series of workshops held at LRBB-INRA, Pierroton, on the northern border of the Gascony forest.

Catalog of Copyright Entries Library of Congress. Copyright Office 1981

El-Hi Textbooks & Serials in Print, 2003 2003

Constructing Architecture Andrea Deplazes 2005-07-25 Now in its second edition: the trailblazing introduction and textbook on construction includes a new section on translucent materials and an article on the use of glass.

Advanced Mathematics Richard G. Brown 1999-06-01

Forthcoming Books Rose Arny 2002

Canadian Books in Print 1989

Geometry Ray C. Jurgensen 1999-01-26

Catalog of Copyright Entries. Third Series Library of Congress. Copyright Office 1976

Handbook of Mathematics for Engineers and Scientists Andrei D. Polyanin 2006-11-27 The Handbook of Mathematics for Engineers and Scientists covers the main fields of mathematics and focuses on the methods used for obtaining solutions of various classes of mathematical equations that underlie the mathematical modeling of numerous phenomena and processes in science and technology. To accommodate different mathematical backgrounds, the preeminent authors outline the material in a simplified, schematic manner, avoiding special terminology wherever possible. Organized in ascending order of complexity, the material is divided into two parts. The first part is a coherent survey of the most important definitions, formulas, equations, methods, and theorems. It covers arithmetic, elementary and analytic geometry, algebra, differential and integral calculus, special functions, calculus of variations, and probability theory. Numerous specific examples clarify the methods for solving problems and equations. The second part provides many in-depth mathematical tables, including those of exact solutions of various types of equations. This concise, comprehensive compendium of mathematical definitions, formulas, and theorems provides the foundation for exploring scientific and technological phenomena.

Machine Learning Saul Amarel 1983

Growing Plantation Forests P. W. West 2013-10-21 This book describes the scientific principles that are used throughout the world to ensure the rapid, healthy growth of forest plantations. As the population of the world increases so does the amount of wood people use. Large areas of natural forests are being cleared every year and converted to other uses. Almost as large an area of plantation forests is being established annually to replace those lost natural forests. Eventually, plantations will produce a large proportion of the wood used around the world for firewood, building, the manufacture of paper and bioenergy. Forest plantations can also provide various environmental benefits including carbon storage, rehabilitation of degraded land, serving as disposal sites for various forms of industrial or agricultural waste and enhancing biodiversity in regions that have been largely cleared for agriculture. Whatever their motivation, plantation forest growers want their plantations to be healthy and grow rapidly to achieve their purpose as soon as possible. This book discusses how this is done. It is written for a worldwide audience, from forestry professionals and scientists through to small plantation growers, and describes how plantations may be grown responsibly and profitably.

Microoptics and Nanooptics Fabrication Shanalyn Kemme 2018-09-03 The deep interconnection between micro/nanooptical components and related fabrication technologies—and the constant changes in this ever-evolving field—means that successful design depends on the engineer's ability to accommodate cutting-edge theoretical developments in fabrication techniques and experimental realization. Documenting the state of the art in fabrication processes, Microoptics and Nanooptics Fabrication provides an up-to-date synopsis of recent breakthroughs in micro- and nanooptics that improve key developmental processes. This text elucidates the precise and miniaturized scale of today's fabrication methods and their importance in creating new optical components to access the spectrum of physical optics. It details successful fabrication techniques and their direct effect on the intended performance of micro- and nanooptical components. The contributors explore the constraints related to material selection, component lateral extent, minimum feature size, and other issues that cause fabrication techniques to lag behind corresponding theory in the development process. Written with the professional optical engineer in mind, this book omits the already well-published broader processing fundamentals. Instead it focuses on key tricks of the trade helpful in reformulating processes to achieve necessary optical targets, improve process fidelity, and reduce production costs. The contributing authors represent the vanguard in micro-optical fabrication. The result of their combined efforts, this searing analysis of emerging fabrication technologies will continue to fuel the expansion of optics components, from the microwave to the infrared through the visible regime.

Sacred Mathematics Fukagawa Hidetoshi 2021-08-10 Between the seventeenth and nineteenth centuries Japan was totally isolated from the West by imperial decree. During that time, a unique brand of homegrown mathematics flourished, one that was completely uninfluenced by developments in Western mathematics. People from all walks of life--samurai, farmers, and merchants--inscribed a wide variety of geometry problems on wooden

tablets called sangaku and hung them in Buddhist temples and Shinto shrines throughout Japan. Sacred Mathematics is the first book published in the West to fully examine this tantalizing--and incredibly beautiful--mathematical tradition. Fukagawa Hidetoshi and Tony Rothman present for the first time in English excerpts from the travel diary of a nineteenth-century Japanese mathematician, Yamaguchi Kanzan, who journeyed on foot throughout Japan to collect temple geometry problems. The authors set this fascinating travel narrative--and almost everything else that is known about temple geometry--within the broader cultural and historical context of the period. They explain the sacred and devotional aspects of sangaku, and reveal how Japanese folk mathematicians discovered many well-known theorems independently of mathematicians in the West--and in some cases much earlier. The book is generously illustrated with photographs of the tablets and stunning artwork of the period. Then there are the geometry problems themselves, nearly two hundred of them, fully illustrated and ranging from the utterly simple to the virtually impossible. Solutions for most are provided. A unique book in every respect, Sacred Mathematics demonstrates how mathematical thinking can vary by culture yet transcend cultural and geographic boundaries.

Books and Pamphlets, Including Serials and Contributions to Periodicals Library of Congress. Copyright Office 1975

Mathematics Assessment and Evaluation Thomas A. Romberg 1992-01-01 Are current testing practices consistent with the goals of the reform movement in school mathematics? If not, what are the alternatives? How can authentic performance in mathematics be assessed? These and similar questions about tests and their uses have forced those advocating change to examine the way in which mathematical performance data is gathered and used in American schools. This book provides recent views on the issues surrounding mathematics tests, such as the need for valid performance data, the implications of the Curriculum and Evaluation Standards for School Mathematics for test development, the identification of valid items and tests in terms of the Standards, the procedures now being used to construct a sample of state assessment tests, gender differences in test taking, and methods of reporting student achievement.

Introduction to Fluid Mechanics William S. Janna 1993 This book provides readers with an understanding of the theory, concepts and applications of fluid mechanics.

Scientific and Technical Books and Serials in Print 1989

Euclid's Elements Redux John Casey 2015-05-28 ""Euclid's 'Elements' Redux"" is an open textbook on mathematical logic and geometry for use in grades 7-12 and in undergraduate college courses on proof writing. It is a new edition of the most successful textbook of all time, ""The Elements,"" compiled by Euclid around 300 BC. It contains several hundred exercises as well as a partial answer key. Although it is a copyrighted work, it is licensed under the Creative Commons Attribution-ShareAlike 4.0 International License. Download it for free at: http://starrhorse.com/euclid/

Advanced Euclidean Geometry Roger A. Johnson 2013-01-08 This classic text explores the geometry of the triangle and the circle, concentrating on extensions of Euclidean theory, and examining in detail many relatively recent theorems. 1929 edition.

An Introduction to Cognitive Psychology David Groome 1999 This is a comprehensive undergraduate textbook which provides, in a single volume, chapters on both normal cognitive function and related clinical disorder.

Basic Geometry Jurgensen 1989-05-01