

Quadrivium The Four Classical Liberal Arts Of Number Geometry Music Amp

What was the golden secret known to Leonardo da Vinci, Kepler, Plato and the ancient magicians? Can there really be a key to nature and life itself? In this small but compact volume internationally renowned divine proportion supersleuth Dr Olsen unravels perhaps the greatest mystery of all time, a code that seems to underly life, the universe and everything, a pattern we instinctively recognise as beautiful, and which nature herself uses at every scale. Designed for artists and scientists alike, this is the smallest, densest and most beautiful book on the golden section ever produced.
WOODEN BOOKS are small but packed with information. "e:Fascinating"e; FINANCIAL TIMES. "e:Beautiful"e; LONDON REVIEW OF BOOKS. "e:Rich and Artful"e; THE LANCET. "e:Genuinely mind-expanding"e; FORTEAN TIMES. "e:Excellent"e; NEW SCIENTIST. "e:Stunning"e; NEW YORK TIMES. Small books, big ideas.

Across the Islamic world, illuminating Korans from Morocco to Malaysia, and adorning mosques, mausoleums and palaces, are hidden some of the most exquisite geometrical devices ever conceived by man. In this excellent little book, geometer Daud Sutton unravels the mystery of Islamic patterns, explaining where they come from, how to draw them, and hinting at the Divine messages they encode.
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Looks at the relationship between the five Platonic and thirteen Archimedean solids.

Discover how mathematical sequences abound in our natural world in this definitive exploration of the geography of the cosmos
You need not be a philosopher or a botanist, and certainly not a mathematician, to enjoy the bounty of the world around us. But is there some sort of order, a pattern, to the things that we see in the sky, on the ground, at the beach? In A Beginner's Guide to Constructing the Universe, Michael Schneider, an education writer and computer consultant, combines science, philosophy, art, and common sense to reaffirm what the ancients observed: that a consistent language of geometric design underpins every level of the universe, from atoms to galaxies, cucumbers to cathedrals. Schneider also discusses numerical and geometric symbolism through the ages, and concepts such as periodic renewal and resonance. This book is an education in the world and everything we can't see within it. Contains numerous b&w photos and illustrations.

Platonic & Archimedean Solids

Ruler and Compass

Designa

The Liberal Arts of Logic, Grammar, and Rhetoric

Sacred Geometry for Artists, Dreamers, and Philosophers

Philosophy and Practice

The Classical and Christian Challenge to Modern Education

Useful to view prolonged economic downturns, such as the Great Depression of the 1930s and the Long Depression of the late nineteenth century, in terms of the crisis and pain they cause. But history teaches us that these great crises also represent opportunities to remake our economy and society and to generate whole new eras of economic growth and prosperity. In terms of innovation, invention, and energetic risk taking, these periods of "creative destruction" have been some of the most fertile in history, and the changes they put into motion can set the stage for full-scale recovery. In The Great Reset, bestselling author and economic development expert Richard Florida provides an engaging and sweeping examination of these previous economic epochs, or "resets." He disills the deep forces that have altered physical and social landscapes and eventually reshaped economies and societies. Looking toward the future, Florida identifies the patterns that will drive the next Great Reset and transform virtually every aspect of our lives — from how and where we live, to how we work, to how we invest in individuals and infrastructure, to how we shape our cities and regions. Florida shows how these forces, when combined, will spur a fresh era of growth and prosperity, define a new geography of power, and create surprising opportunities for all of us. Among these forces will be " new patterns of consumption, and new attitudes toward ownership that are less centered on houses and cars " the transformation of millions of service jobs into middle class careers that engage workers as a source of innovation " new forms of infrastructure that speed the movement of people, goods, and ideas " a radically altered and much denser economic landscape organized around "megaregions" that will drive the development of new industries, new jobs, and a whole new way of life We've weathered tough times before. They are a necessary part of economic cycles, giving us a chance to clearly see what's working and what's not. Societies can be reborn in such crises, emerging fresh, strong, and refocused. Now is our opportunity to anticipate what that brighter future will look like and to take the steps that will get us there faster. With his trademark blend of wit, irreverence, and rigorous research and analysis, Florida presents an optimistic and counterintuitive vision of our future, calling into question long-held beliefs about the nature of economic progress and forcing us to reassess our very way of life. He argues convincingly that it's time to turn our efforts — as individuals, as governments, and as a society — to putting the necessary pieces in place for a vibrant, prosperous future.

Features the classical themes of geometry with plentiful applications in mathematics, education, engineering, and science Accessible and reader-friendly, Classical Geometry: Euclidean, Transformational, Inversive, and Projective introduces readers to a valuable discipline that is crucial to understanding bothspatial relationships and logical reasoning. Focusing on the development of geometric intuitionwhile avoiding the axiomatic method, a problem solving approach is encouraged throughout. The book is strategically divided into three sections: Part One focuses on Euclidean geometry, which provides the foundation for the rest of the material covered throughout; Part Two discusses Euclidean transformations of the plane, as well as groups and their use in studying transformations; and Part Three covers inversive and projective geometry as natural extensions of Euclidean geometry. In addition to featuring real-world applications throughout, Classical Geometry: Euclidean, Transformational, Inversive, and Projective includes: Multiple entertaining and elegant geometry problems at the end of each section for every level of study Fully worked examples with exercises to facilitate comprehension and retention Unique topical coverage, such as the theorems of Ceva and Menalaus and their applications An approach that prepares readers for the art of logical reasoning, modeling, and proofs The book is an excellent textbook for courses in introductory geometry, elementary geometry, modern geometry, and history of mathematics at the undergraduate level for mathematics majors, as well as for engineering and secondary education majors. The book is also ideal for anyone who would like to learn the various applications of elementary geometry.

What are fractals? Why are they such fun? How do you make one? Why is a dripping tap not as random as it seems? What is chaos? Is the Mandelbrot Set really the most complex object in mathematics? In this beautifully illustrated book, fractal-hunter Oliver Linton takes us on a fascinating journey into the mathematics of fractals and chaos, diving into many kinds of self- similar structures to reveal some of the most recently discovered and intriguing patterns in science and nature. WOODEN BOOKS US EDITIONS. Small books, BIG ideas. Tiny but packed with information. "Stunning" NEW YORK TIMES. "Fascinating" FINANCIAL TIMES. "Beautiful" LONDON REVIEW OF BOOKS. "Rich and Artful" THE LANCET. "Genuinely mind-expanding" FORTEAN TIMES. "Excellent" NEW SCIENTIST.

Venus draws a beautiful pentagram around Earth every eight years. Jupiter's two largest moons draw a perfect four-fold flower. The Planets grandly play out the slow Music of the Spheres. Is there a secret structure hidden in the Solar System? Packed with great illustrations and serious research from many sources, this internationally bestselling little book by cosmologist John Martineau will instantly retune your cosmological circuits to the extraordinary and primary patterns behind Life, the Universe and Everything. WOODEN BOOKS are small but packed with information. "e:Fascinating"e; FINANCIAL TIMES. "e:Beautiful"e; LONDON REVIEW OF BOOKS. "e:Rich and Artful"e; THE LANCET. "e:Genuinely mind-expanding"e; FORTEAN TIMES. "e:Excellent"e; NEW SCIENTIST. "e:Stunning"e; NEW YORK TIMES. Small books, big ideas.

How the World is Made

The Liberal Arts Tradition

Fractals

The Story of Creation According to Sacred Geometry

The Four Classical Liberal Arts of Number, Geometry, Music, & Cosmology

The Trivium

As parents, it is easy for us to look back and see the shortcomings of our own education. Since many of us were taught in public schools, we often have a pretty good idea of what we don't want our children to learn. But what exactly should we give them instead? The authors of Repairing the Ruins, a group of experienced teachers and school administrators, faced this same question when they first embarked on the journey of education. And they found a tried and true answer in classical Christian education. Here they explain what makes classical Christian education different from modern methods and why it offers a distinctly Christian alternative. Building upon this foundation, the authors provide parents with the "Whys and Hows" of the Trivium, tips on planning curriculum, wisdom in designing education to serve the heart as well as the mind, and advice on starting up schools. For all who have ever wondered where to begin with their children's education, Repairing the Ruins comes alongside with words of comfort and direction.

An introduction to geometry without measurements.

QuadriviumThe Four Classical Liberal Arts of Number, Geometry, Music, & CosmologyWalker

What is the secret code behind so many musical compositions? How do you substitute chords to create greater musical complexity? Why is music so good at playing with people's emotions? In this compact book, composer and pianist Jason Martineau presents the elements of music in clear and comprehensible terms. Packed with superb diagrams and a wealth of fascinating hard-to-come-by musical tips, this is a great primer, and an invaluable resource for novice and professional alike. "e:Fascinating"e; FINANCIAL TIMES. "e:Beautiful"e; LONDON REVIEW OF BOOKS. "e:Rich and Artful"e; THE LANCET. "e:Genuinely mind-expanding"e; FORTEAN TIMES. "e:Excellent"e; NEW SCIENTIST. "e:Stunning"e; NEW YORK TIMES. Small books, big ideas.

Mathematics, Physics, Chemistry, Biology, and Astronomy for All

Shakespeare's Use of the Arts of Language

On the Re-enchantment of Education

Sacred Geometry Book of History, Meanings and How to Create Them

How Studying the Traditional Liberal Arts Can Set You Free

Secrets of Harmonic Creation

Classical Geometry

A fascinating and inspirational look at the vital link between the hidden geometrical order of the universe, geometry in nature, and the geometry of the man-made world. The Da Vinci Code has awakened the public to the powerful and very ancient idea that religious truths and mathematical principles are intimately intertwined. Sacred Geometry offers an accessible way of understanding how that connection is revealed in nature and the arts. Over the centuries, temple builders have relied on magic numbers to shape sacred spaces, astronomers have used geometry to calculate holy seasons, and philosophers have observed the harmony of the universe in the numerical properties of music. By showing how the discoveries of mathematics are manifested over and over again in biology and physics, and how they have inspired the greatest works of art, this illuminating study reveals the universal principles that link us to the infinite.

2014 Reprint of 1948 Third Edition. Full facsimile of the original edition, not reproduced with Optical Recognition Software. The "Trivium" is a systematic method of critical thinking for deriving certainty from any information coming into the mind via the five senses. In medieval universities, the Trivium comprised the three subjects that were taught first, specifically in this order: grammar, logic and rhetoric. While most textbooks are lucky to enjoy a shelf life of three or four years, "The Trivium" followed a different path. In 1947, when Columbia University Press published her celebrated dissertation, "Shakespeare's Use of the Arts of Language," Sister Miriam Joseph's previously published textbook gained wider notice. And since then, The "Trivium" continues to be rediscovered by new generations of writers and teachers. This dense, authoritative textbook takes all of Aristotle's teachings on logic, grammar, and rhetoric, and some of his teachings of poetics, adds some of the insights gained in the subsequent centuries, and presents it in a well-organized flow.

The Golden Ratio examines the presence of this divine number in art and architecture throughout history, as well as its ubiquity among plants, animals, and even the cosmos. This gorgeous book—with layflat dimensions that closely approximate the golden ratio—features clear, enlightening, and entertaining commentary alongside stunning full-color illustrations by Venezuelan artist and architect Rafael Araujo. From the pyramids of Giza, to quasicrystals, to the proportions of the human face, the golden ratio has an infinite capacity to generate shapes with exquisite properties. This book invites you to take a new look at this timeless topic, with a compilation of research and information worthy of a text book, accompanied by over 200 beautiful color illustrations that transform this into the ultimate coffee table book. Author Gary Meisner shares the results of his twenty-year investigation and collaboration with thousands of people across the globe in dozens of professions and walks of life. The evidence will close the gaps of understanding related to many claims of the golden ratio's appearances and applications, and present new findings to take our knowledge further yet. Whoever you are, and whatever you may know about this topic, you'll find something new, interesting, and informative in this book, and may find yourself challenged to see, apply, and share this unique number of mathematics and science in new ways.

Why phonics and grammar are not trivial. Why have our political discussions in the United States become so ugly and pointless? Why are we suffering from such a breakdown in civility? In Not Trivial: How Studying the Traditional Liberal Arts Can Set You Free, Laurie Endicott Thomas explains that the problem boils down to education. The word civility originally meant training in the liberal arts. The classical liberal arts were a set of seven disciplines that were developed largely in ancient Athens to promote productive political discussions within Athenian democracy. They included three verbal arts (the trivium): grammar, logic, and rhetoric. They also included four arts of number, space, and time (the quadrivium): mathematics, geometry, music, and astronomy. These arts helped students learn to think rationally and to express themselves persuasively. The ancient Romans called these studies the liberal arts because they were considered appropriate for freeborn men, as opposed to slaves. Slaves were taught only the servile and mechanical arts, to make them more productive as workers. During the Renaissance, the classical liberal arts curriculum was supplemented by the humanities, including history, philosophy, literature, and art. Like the liberal arts, the humanities were intended to promote productive and even pleasant discussions among political decision-makers. Today, the sciences would have to be added to that curriculum. Thomas explains that the problems in our political system start in first grade. Our teachers are being trained and often forced to use a method of reading instruction that does not work. As a result, many children suffer from lifelong problems with reading. Our teachers are also being pressured to neglect the teaching of grammar. As a result, many children end up with poor reading comprehension and lifelong problems with logical thinking. Thus, they will have difficulty in making or appreciating reasonable arguments. Thomas argues that we cannot hope to enjoy freedom and equality until all children get the kind of education that is appropriate for free people. She concludes with a clear explanation of what that curriculum would be like.

Practical Geometric Constructions

The Marriage of Philology and Mercury

The Mathematical Archetypes of Nature, Art, and Science

Little Book of Coincidence

Deciphering the Code

How New Ways of Living and Working Drive Post-Crash Prosperity

Quadrivium

The quadrivium—the classical curriculum—comprises the four liberal arts of number, geometry, music, and cosmology. It was studied from antiquity to the Renaissance as a way of glimpsing the nature of reality. Geometry is number in space; music is number in time; and comology expresses number in space and time. Number, music, and geometry are metaphysical truths: life across the universe investigates them; they foreshadow the physical sciences. Quadrivium is the first volume to bring together these four subjects in many hundreds of years. Composed of six successful titles in the Wooden Books series—Sacred Number, Harmonic Creation, The Elements of Music, Platonic & Archimedean Solids, and A Little Book of Coincidence—it makes ancient wisdom and its astonishing interconnectedness accessible to us today. Beautifully produced in six different colors of ink, Quadrivium will appeal to anyone interested in mathematics, music, astronomy, and how the universe works.

This book is an ideal introduction to classical education written by the headmaster of an established classical academy. It traces the history of classical education and describes its modern renaissance. The book also highlights the distinctive elements of the movement including its emphasis on teaching grammar, logic and rhetoric (the Trivium), and the extraordinary achievements of students who are receiving a classical education. Other sections address the role and benefit of classical language study (Latin and Greek) and integrated learning through a study of the great books of western civilization. The book is written in a colloquial, engaging style, with several anecdotes, diagrams and charts. This book is especially recommended to parents just beginning their examination of classical education. We have priced this booklet (and the Audio CD) very low so that schools and co-ops can affordably distribute it to parents. We encourage homeschoolers to give this booklet to other parents who may wish to consider classical education.

Composed of six previously published works.

The Divine Beauty of Mathematics

Not Trivial

Grammar

The Great Reset

Scienica

The Theoretic Arithmetic of the Pythagoreans

A Beginner's Guide to Constructing the Universe

In the ancient scholarly curriculum, grammar formed part of the Trivium, with its sister sciences of logic and rhetoric. Logic asks: When is a sentence true? Rhetoric asks: Which is the right sentence? Grammar purely asks: When is a sentence correct? In Grammar, Rachel Grenon defines the rules governing the construction of words, phrases, sentences, and extended text or speech. Beginning with the rules behind ancient languages such as Sanskrit and Greek, she then focuses on how the rules of English have developed—from nouns and pronouns, verbs and adverbs, to tenses, the passive voice, questions, imperatives, and much more. With diagrams, engravings, and witty cartoon illustrations, this original take on a classic subject is essential for anyone interested in language.

Beautifully illustrated with many old engravings as well as contemporary imagery, "Sacred Number" covers basic counting systems and the widespread use of 20 important numbers from major religious texts; the importance of astronomy, geometry, and music to number quality, and how numbers affect architecture.

Based in the riches of Christian worship and tradition, this brief, eloquently written introduction to Christian thinking and worldview helps readers put back together again faith and reason, truth and beauty, and the fragmented academic disciplines. By reclaiming the classic liberal arts and viewing disciplines such as science and mathematics through a poetic lens, the author explains that unity is present within diversity. Now repackaged with a new foreword by Ken Myers, this book will continue to benefit parents, homeschoolers, lifelong learners, Christian students, and readers interested in the history of ideas.

Creating an unconventional portrait of the life and thought of an Enlightenment historian and scientist, this study focuses upon Jeremy Belknap's letters, journals, and essays, which provide a clear sense of how a dialogue with the past can yield an appreciation of life and acceptance of self. Author of the three volume History of New Hampshire and the two volume American Biography, Jeremy Belknap (1744-1798) was the American Plutarch because he used the past to learn more about his own life and the lives of others. He experienced the past vicariously through his imagination and experientially through his journeys throughout New England in search of clues to the explanation of the natural and human past of America. The book is built around Belknap's engaging correspondence with his friend Ebenezer Hazard, as well as Belknap's own travel journals of his expeditions to upstate New York and throughout New Hampshire. His journey to the White Mountains of New Hampshire in 1784 was the climax of his active inquiry into the past. Far from a dry, historiographical account, this study provides a fluid and descriptive narrative of Belknap, his journeys, and his times. This is a unique portrayal of human nature in general and 18th century society in particular.

The Secret Quality of Quantities

The American Plutarch

An Introduction to Classical Education

A Philosophy of Christian Classical Education

A Pickle for the Knowing Ones

From Pythagoras to Schoenberg

Trivium

The contribution of the present work is to present in organized detail essentially complete the general theory of composition current during the Renaissance (as contrasted with special theories for particular forms of composition) and the illustration of Shakespeare's use of it. It is organized as follows: Part One: Introduction I. The General Theory of Composition and of Reading in Shakespeare's England 1. The Concept of Art in Renaissance England 2. Training in the Arts in Renaissance England 3. The English Works on Logic and Rhetoric 4. The Tradition 5. Invention and Disposition Part Two. Shakespeare's Use of the Schemes of Grammar, Vices of Language, and Figures of Repetition 1. The Schemes of Grammar 2. The Vices of Language 3. The Figures of Repetition III. Logos: The Topics of Invention 1. Inartificial Arguments or Testimony 2. Definition 3. Division: Genus and Species, Whole and Parts 4. Subject and Adjuncts 5. Contraries and Contradictories 6. Similarity and Dissimilarity 7. Comparison: Greater, Equal, Less 8. Cause and Effect, Antecedent and Consequent 9. Notation and Conjugates IV. Logos: Argumentation 1. Syllogistic Reasoning 2. Fallacious Reasoning 3. Disputation V. Pathos and Ethos 1. Pathos 2. Ethos Part Three. The General Theory of Composition and Reading as Defined and Illustrated by Tudor Logicians and Rhetoricians VI. Schemes of Grammar, Vices of Language, and Figures of Repetition 1. The Schemes of Grammar 2. Vices of Language VII. Logos: The Topics of Invention 1. Inartificial Arguments or Testimony 2. Definition 3. Division: Genus and Species, Whole and Parts 4. Subject and Adjuncts 5. Contraries and Contradictories 6. Similarity and Dissimilarity 7. Comparison: Greater, Equal, Less 8. Cause and Effect, Antecedent and Consequent 9. Notation and Conjugates 10. Genesis or Composition 11. Analysis or Reading VIII. Logos: Argumentation 1. Syllogistic Reasoning 2.

Fallacious Reasoning 3. Disputation IX. Pathos and Ethos 1. Pathos 2. Ethos

Why is it that we are so drawn to and enthralled by sacred geometry? They start with simple mathematical shapes, that combine to create elaborate illustrations of such beauty and elegance that we marvel at them. Beliefs, religious, spiritual and cultural, have been historically attached to them... The specific design and creation of each individual sacred geometric pattern is thought, among many cultures, not only to demonstrate an understanding of specific universal concepts, but to hold powers of mystical possibilities. The aim of this book is to provide an understanding of the history, creation and meanings of sacred geometry for those who are new to the subject, and to open an insight into the beliefs placed upon them with the hope that it will inspire the reader's interest and imagination and increase their enthusiasm. Enjoy learning how such simple shapes can evolve into inspiring and powerful patterns that weave through the fabric of our entire universe and reality.

An illustrated guide to harmonics—the sacred geometry principles that underlie the natural world—and its practical applications • Demonstrates how the vesica piscis is a matrix from which ideas and forms emanate, connecting cosmic time cycles, measures of space, and musical tones • Provides harmonic analyses of ancient sculpture, architecture, the solar system, the Earth-Moon relationship, and the structure of water and waves • Explains how to apply sacred geometry to create building floor plans, pottery figures, gardens, and sacred ceremonial spaces We are in the midst of a revival of an ancient way of looking at the world—an approach that enabled great civilizations of the past to bring forth inventions of great beauty and power. This school of thought—harmonics—envisioned the natural world and the solar system as an interlocking matrix of harmonious numbers, perfectly woven into the creative fabric of life and the surrounding universe. Exploring the art and science of harmonics, John Oscar Lieben shows how to create harmonious forms using the ancient tools of number, geometry, and musical tone—an approach that resonates with nature's own ways of creation. He demonstrates many practical applications that result from the study of harmonics, providing analyses of ancient sculpture and architecture, as well as original examples of building floor plans, pottery figures based on planetary proportions, gardens based on harmonic principles, and ceremonial spaces that honor cosmic harmonies and sacred geometric relationships. Showing how harmonics can also be applied to the mysteries of time and space, the author demonstrates how the vesica piscis and many other variations of the vesica shape reveal numerical synchronicities and correspondences that connect cosmic time cycles, measures of space, and musical tones. The author applies harmonics and the “vesica construction” matrix to illustrate many of nature’s wonders, including the Earth-Moon relationship, the interactions of the Golden Number and the musical scale, and how the Flower of Life symbol connects the universal field with the pattern of raindrops falling on a pond. Offering an approach to sacred geometry that pairs the mystical with the practical, the cosmic with the earthly, the author reveals how the art and science of harmonics should be required study for both the artist and the seeker of eternal truths as well as the scientist who seeks an entrance into the sacred foundations of nature.

How music has influenced mathematics, physics, and astronomy from ancient Greece to the twentieth century Music is filled with mathematical elements. The works of Bach are often said to possess a math-like logic, and Arnold Schoenberg, Iannis Xenakis, and Karlheinz Stockhausen wrote music explicitly based on mathematical principles. Yet Eli Maor argues that it is music that has had the greater influence on mathematics, not the other way around. Starting with Pythagoras, proceeding through Schoenberg, and bringing the story up to the present with contemporary string theory, Music by the Numbers tells a fascinating story of composers, scientists, inventors, and eccentrics who have played a role in the age-old relationship between music, mathematics, and the physical sciences. Weaving compelling stories of historical episodes with Maor's personal reflections as a mathematician and lover of classical music, this book will delight anyone who loves math and music.

Repairing the Ruins

Islamic Design

Elements of Music

Beauty for Truth's Sake

The Structure of Language

Euclidean, Transformational, Inversive, and Projective

The Trivium in College Composition and Reading

Galileo described the universe as a large book written in the language of mathematics, which can only be read by those with knowledge of its characters triangles, circles and other geometrical figures. In How the World Is Made John Michell explains how ancient peoples who grasped the timeless principles of sacred geometry were able to create flourishing societies. His more than 300 colour illustrations reveal the secret code within these geometrical figures and how they express the spiritual meanings in the key numbers of 1 through 12. He identifies the various regular shapes and shows their constructions; their natural symbolism; their meetings, matings and ways of breeding; and their functions within the universal order. In the process, Michell helps us see the world in a new light. Disparate shapes and their corresponding numbers are woven together, resolving themselves into an all-inclusive world image that pattern in the heavens, as Socrates called it, which anyone can find and establish within themselves.

The trivium refers to the three liberal arts considered in classical Greece to be the pillars of critical thought: grammar, logic, and rhetoric. Following on the success of Quadrivium and Scientia, Trivium gathers six Wooden Books titles together into a beautiful six-color package that presents ancient wisdom in an accessible way. Trivium will include the books Euphonics, Grammar, Logic, Rhetoric, Poetic Meter and Form, and Ethics.

Have you ever stared at patterned wallpaper and wondered how it was designed? Been captivated by some priceless Celtic art? Or bogged at a beautiful Islamic pattern? Have you ever stepped back and thought about the illusion of reality your senses create for you? Or pondered the symmetries which inform your feelings of what seems right? Is there a Golden secret, revealed by nature herself, which is common to all of the traditional arts? Packed with information and exquisite illustrations by more than twelve expert authors, Designa is the ultimate sourcebook for visual artists and designers of every kind.

Discover the history and core elements of sacred geometry From polymath Al-Khwarizmi to the celestial zodiac, learn how geometry is used to define our world and beyond. Sacred Geometry unvels how the scientific and spiritual are connected with dozens of informative entries covering the people, practices, and natural wonders that are core to understanding the significance of basic geometric shapes and proportions. This comprehensive reference guide takes a holistic approach to exploring sacred geometry, showing you how it has manifested throughout history, as well as how it ties into every aspect of the world around you. All the information you need to truly understand is right here in your hands. Sacred Geometry includes: Sacred geometry, A-Z–Explore the ways in which sacred geometry is found everywhere, with entries covering math, nature, different types of spiritualities, and more. Easy-to-use organization–Get a simple-to-navigate–but highly detailed–reference guide that's accessible and useful to newly interested and dedicated esoterics alike. Informative illustrations–Understand and visualize the truth of sacred geometry with the help of detailed and full-color images. Deepen your understanding of the world through the secrets of sacred geometry.

A Guide for Parents

Martianus Capella and the Seven Liberal Arts

The Golden Ratio

Sacred Geometry

Golden Section

Jeremy Belknap and the Historian's Dialogue with the Past

Number Geometry Music Heaven

This book involves understanding the nature and function or language.

Is there a secret visual language all around us? What's so special about the shape of the Great Pyramid? Why is there something so sexy about circles? How many ways can you tile the plane? Lavishly illustrated by the author, this enchanting small introduction to one of the oldest and most widely-used ancient traditions on Earth will forever change the way you look at a triangle, arch, window, fabric repeat, ceramic pattern, graphic design, painting, spiral or flower. WOODEN BOOKS are small but packed with information. "e;Fascinating"e; FINANCIAL TIMES. "e;Beautiful"e; LONDON REVIEW OF BOOKS. "e;Rich and Artful"e; THE LANCET. "e;Genuinely mind-expanding"e; FORTEAN TIMES. "e;Excellent"e; NEW SCIENTIST. "e;Stunning"e; NEW YORK TIMES. Small books, big ideas.

"This book introduces readers to a paradigm for understanding classical education that transcends the familiar three-stage pattern of grammar, logic, and rhetoric. Instead, this book describes the liberal arts as a central part of a larger and more robust paradigm of classical education that should consist of piety, gymnastic, music, liberal arts, philosophy, and theology. The book also recovers the means by which classical educators developed more than just intellectual virtue (by means of the seven liberal arts) by holistically cultivating the mind, body, will, and affections."—Back cover.

Why did Pythagoras pause outside a Blacksmith's workshop? Can the nature of Harmony really be understood visually? Why do harmonies leave gaps or 'commas' when added together? In this charming little book Anthony Ashton uses a Victorian device called a Harmonograph to tell the story of Harmony and the intervals in the scale. With useful appendices and exquisite line drawings this is a unique and original introduction to this timeless subject. WOODEN BOOKS are small but packed with information. "e;Fascinating"e; FINANCIAL TIMES. "e;Beautiful"e; LONDON REVIEW OF BOOKS. "e;Rich and Artful"e; THE LANCET. "e;Genuinely mind-expanding"e; FORTEAN TIMES. "e;Excellent"e; NEW SCIENTIST. "e;Stunning"e; NEW YORK TIMES. Small books, big ideas.

On the Edge of Chaos

Music by the Numbers

Sacred Number

Harmonograph

An A-Z Reference Guide

The Classical Liberal Arts of Grammar, Logic, & Rhetoric