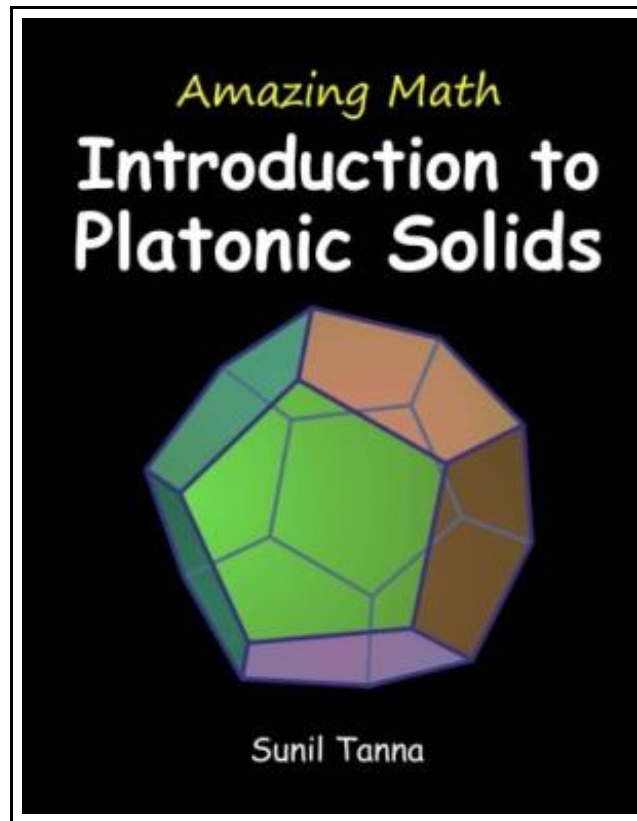


Amazing Math: Introduction to Platonic Solids



Filesize: 6.05 MB

Reviews

It is great and fantastic. I actually have read and so i am certain that i am going to going to go through once again yet again in the future. I realized this ebook from my dad and i encouraged this book to find out.

(Dr. Kayden Gerlach)

AMAZING MATH: INTRODUCTION TO PLATONIC SOLIDS



To read **Amazing Math: Introduction to Platonic Solids** PDF, please refer to the button below and download the file or have access to other information which might be relevant to AMAZING MATH: INTRODUCTION TO PLATONIC SOLIDS book.

Createspace, United States, 2014. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.This book is a guide to the 5 Platonic solids (regular tetrahedron, cube, regular octahedron, regular dodecahedron, and regular icosahedron). These solids are important in mathematics, in nature, and are the only 5 convex regular polyhedra that exist. Topics covered include: What the Platonic solids are The history of the discovery of Platonic solids The common features of all Platonic solids The geometrical details of each Platonic solid Examples of where each type of Platonic solid occurs in nature How we know there are only five types of Platonic solid (geometric proof) A topological proof that there are only five types of Platonic solid What are dual polyhedrons What is the dual polyhedron for each of the Platonic solids The relationships between each Platonic solid and its dual polyhedron How to calculate angles in Platonic solids using trigonometric formulae The relationship between spheres and Platonic solids How to calculate the surface area of a Platonic solid How to calculate the volume of a Platonic solid Also included is a brief introduction to some other interesting types of polyhedra - prisms, antiprisms, Kepler-Poinsot polyhedra, Archimedean solids, Catalan solids, Johnson solids, and deltahedra. Some familiarity with basic trigonometry and very basic algebra (high school level) will allow you to get the most out of this book - but in order to make this book accessible to as many people as possible, it does include a brief recap on some necessary basic concepts from trigonometry.



[Read Amazing Math: Introduction to Platonic Solids Online](#)



[Download PDF Amazing Math: Introduction to Platonic Solids](#)

Related Books



[PDF] Do Monsters Wear Undies Coloring Book: A Rhyming Children s Coloring Book

Click the hyperlink beneath to download "Do Monsters Wear Undies Coloring Book: A Rhyming Children s Coloring Book" PDF document.

[Read ePub »](#)



[PDF] Twitter Marketing Workbook: How to Market Your Business on Twitter

Click the hyperlink beneath to download "Twitter Marketing Workbook: How to Market Your Business on Twitter" PDF document.

[Read ePub »](#)



[PDF] From Out the Vasty Deep

Click the hyperlink beneath to download "From Out the Vasty Deep" PDF document.

[Read ePub »](#)



[PDF] Fifty Years Hence, or What May Be in 1943

Click the hyperlink beneath to download "Fifty Years Hence, or What May Be in 1943" PDF document.

[Read ePub »](#)



[PDF] I Learn, I Speak: Basic Skills for Preschool Learners of English and Chinese

Click the hyperlink beneath to download "I Learn, I Speak: Basic Skills for Preschool Learners of English and Chinese" PDF document.

[Read ePub »](#)



[PDF] Skills for Preschool Teachers, Enhanced Pearson eText - Access Card

Click the hyperlink beneath to download "Skills for Preschool Teachers, Enhanced Pearson eText - Access Card" PDF document.

[Read ePub »](#)