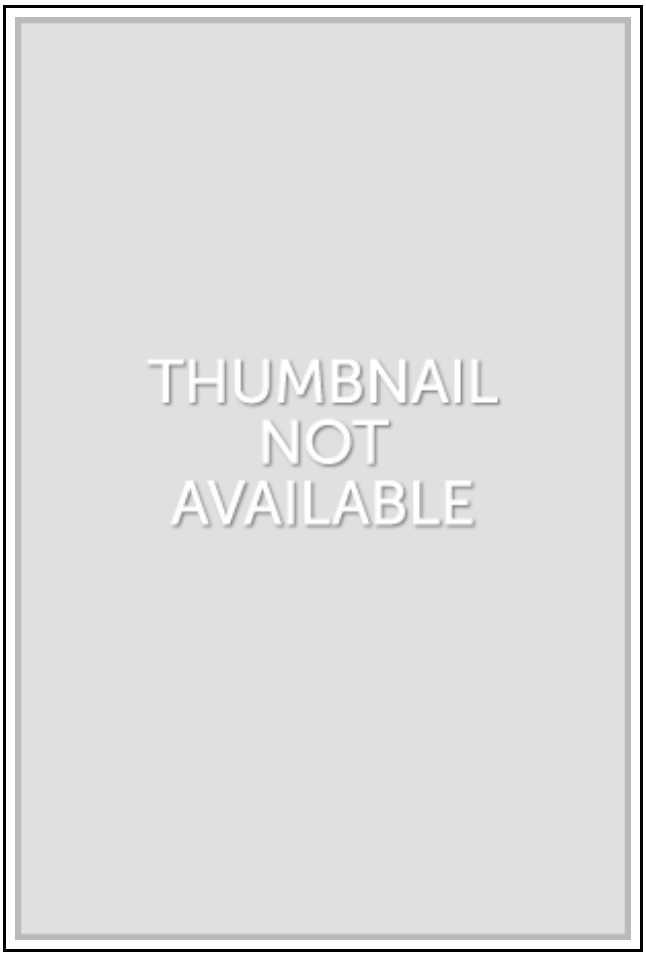
The Road to Reality : A Complete Guide to the Laws of the Universe



Filesize: 5.74 MB

Reviews

This ebook is great. I really could comprehended every thing using this composed e ebook. Its been designed in an exceedingly simple way and it is only following i finished reading this publication where basically modified me, modify the way in my opinion.
(Herminia Blanda)

THE ROAD TO REALITY : A COMPLETE GUIDE TO THE LAWS OF THE UNIVERSE

DOWNLOAD

Knopf, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface Acknowledgements Notation Prologue 1 The roots of science 1.1 The quest for the forces that shape the world 1.2 Mathematical truth 1.3 Is Plato's mathematical world 'real'? 1.4 Three worlds and three deep mysteries 1.5 The Good, the True, and the Beautiful 2 An ancient theorem and a modern question 2.1 The Pythagorean theorem 2.2 Euclid's postulates 2.3 Similar-areas proof of the Pythagorean theorem 2.4 Hyperbolic geometry: conformal picture 2.5 Other representations of hyperbolic geometry 2.6 Historical aspects of hyperbolic geometry 2.7 Relation to physical space 3 Kinds of number in the physical world 3.1 A Pythagorean catastrophe? 3.2 The real-number system 3.3 Real numbers in the physical world 3.4 Do natural numbers need the physical world? 3.5 Discrete numbers in the physical world 4 Magical complex numbers 4.1 The magic number 'i' 4.2 Solving equations with complex numbers 4.3 Convergence of power series 4.4 Caspar Wessel's complex plane 4.5 How to construct the Mandelbrot set 5 Geometry of logarithms, powers, and roots 5.1 Geometry of complex algebra 5.2 The idea of the complex logarithm 5.3 Multiple valuedness, natural logarithms 5.4 Complex powers 5.5 Some relations to modern particle physics 6 Real-number calculus 6.1 What makes an honest function? 6.2 Slopes of functions 6.3 Higher derivatives; C1-smooth functions 6.4 The 'Eulerian' notion of a function? 6.5 The rules of differentiation 6.6 Integration 7 Complex-number calculus 7.1 Complex smoothness; holomorphic functions 7.2 Contour integration 7.3 Power series from complex smoothness 7.4 Analytic continuation 8 Riemann surfaces and complex mappings 8.1 The idea of a Riemann surface 8.2 Conformal mappings 8.3 The Riemann sphere 8.4 The genus of a compact Riemann surface 8.5 The Riemann mapping theorem 9 Fourier decomposition and hyperfunctions 9.1 Fourier series...

Read The Road to Reality : A Complete Guide to the Laws of the Universe Online
Download PDF The Road to Reality : A Complete Guide to the Laws of the Universe

Related Kindle Books



Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How...

Save ePub »



Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep

CreateSpace Independent Publishing Platform, 2013. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: "Star Flights Bedtime Spaceship" is a charming and fun story with the purpose to help children...

Save ePub »



Maisy's Christmas Tree

Candlewick, 2014. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: The final scene of the gang caroling around the tree, complete with paper crowns from British Christmas crackers, is...

Save ePub »



The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)

Cengage Learning, 2012. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: You can now maximize and integrate the design and development power of Adobe Creative Suite 6 with WEB...

Save ePub »



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

Save ePub »