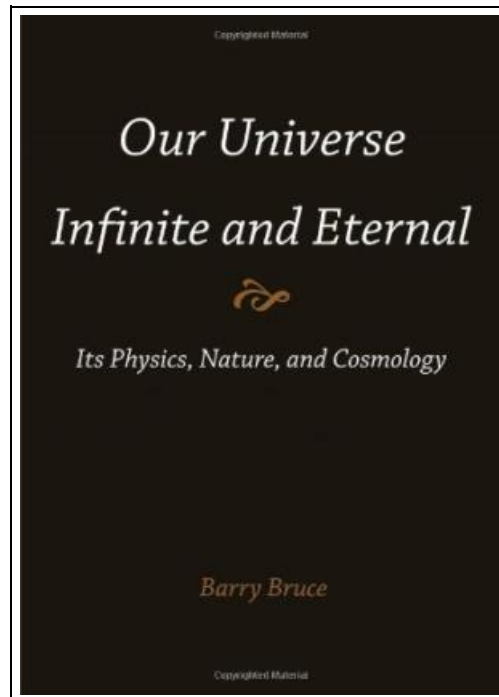


Our Universe-Infinite and Eternal: Its Physics, Nature, and Cosmology



Filesize: 8.87 MB

Reviews

The book is fantastic and great. it was writtern really perfectly and useful. I discovered this pdf from my i and dad suggested this book to learn.

(Dr. Cordie Upton III)

OUR UNIVERSE-INFINITE AND ETERNAL: ITS PHYSICS, NATURE, AND COSMOLOGY



Universal Publishers, United States, 2012. Paperback. Book Condition: New. 190 x 147 mm. Language: English Brand New Book ***** Print on Demand *****.The field equations of Einstein's General Relativity are solved for an infinite universe with uniform density. One of the three solutions, the Infinite Universe of Einstein and Newton, fits all the data for the Hubble diagram better than the Big Bang. Next, using general relativity and the physics that evolved from Newton, the force of gravity between two massive point particles is found. Utilizing this force and the Infinite Universe of Einstein and Newton model, the net force of gravity on a point particle in arbitrary motion, due to the uniform mass distribution of the universe, is calculated by integration. This net force of gravity is found to be equal to the Force of Inertia. These calculations explain Newton's First Law, Newton's Second Law, and the equivalence of inertial and gravitational mass. The middle of the book deals with the development of quantum mechanics. Here it is shown that hidden within the classical mechanics of particles there is the phase of a wave, associated with a particle, that moves at the speed of a de Broglie wave. The form of the phase of the wave is developed. Making use of the form of the phase, the Hamilton-Jacobi equation for a particle is set up to be solved using an integrating factor. The resulting equation is manipulated directly into the form of the Schrodinger equation. This development requires that the particle Hamilton-Jacobi equation has a solution whenever the Schrodinger equation has a solution and vice versa. The classical wave function is then shown to have exactly the same mathematical properties as the quantum mechanical wave function, including the fact that the absolute value squared of the classical wave...



[Read Our Universe-Infinite and Eternal: Its Physics, Nature, and Cosmology Online](#)



[Download PDF Our Universe-Infinite and Eternal: Its Physics, Nature, and Cosmology](#)

Other Kindle Books



Weebies Family Halloween Night English Language: English Language British Full Colour

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Children s Weebies Family Halloween Night Book 20 starts to teach Pre-School and...

[Read eBook »](#)



Art appreciation (travel services and hotel management professional services and management expertise secondary vocational education teaching materials supporting national planning book)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Pages Number: 146 Publisher: Higher Education Pub. Date :2009-07-01 version 2. This book is...

[Read eBook »](#)



I Am Reading: Nurturing Young Children s Meaning Making and Joyful Engagement with Any Book

Heinemann Educational Books, United States, 2015. Paperback. Book Condition: New. 234 x 185 mm. Language: English . Brand New Book. It s vital that we support young children s reading in ways that nurture healthy...

[Read eBook »](#)



TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(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...

[Read eBook »](#)



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...

[Read eBook »](#)