



The Jazz of Physics: The Secret Link Between Music and the Structure of the Universe (Hardback)

By Stephon Alexander

The Perseus Books Group, United States, 2016. Hardback. Book Condition: New. 235 x 156 mm. Language: English . Brand New Book. More than fifty years ago, John Coltrane drew the twelve musical notes in a circle and connected them by straight lines, forming a five-pointed star. Inspired by Einstein, Coltrane had put physics and geometry at the core of his music. Physicist and jazz musician Stephon Alexander returns the favor, using jazz to answer physics most vexing questions about the past and future of the universe. Following the great minds that first drew the links between music and physics--a list including Pythagoras, Kepler, Newton, Einstein, and Rakim--The Jazz of Physics revisits the ancient realm where music, physics, and the cosmos were one. This cosmological journey accompanies Alexander s own tale of struggling to reconcile his passion for music and physics, from taking music lessons as a boy in the Bronx to studying theoretical physics at Imperial College, London s inner sanctum of string theory. Playing the saxophone and improvising with equations, Alexander uncovered the connection between the fundamental waves that make up sound and the fundamental waves that make up everything else. As he reveals, the ancient poetic idea of...



READ ONLINE
[5.02 MB]

Reviews

An extremely wonderful book with lucid and perfect information. It is one of the most awesome publication i have read. Your life period will probably be enhance the instant you total looking at this pdf.

-- Prof. Dan Windler MD

It is really an amazing publication i actually have at any time read. It is really simplistic but unexpected situations inside the 50 percent of your pdf. Its been written in an exceptionally simple way in fact it is just right after i finished reading this ebook where actually transformed me, alter the way i really believe.

-- Dr. Celestino Spinka III

Other PDFs



Music for Children with Hearing Loss: A Resource for Parents and Teachers

Oxford University Press Inc, United States, 2014. Paperback. Book Condition: New. 228 x 156 mm. Language: English . Brand New Book. Written by an expert in the field who is both a teacher and a teacher-educator, this book is an in-depth and...



The Birds Christmas Carol

BOOK JUNGLE, United States, 2009. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin was an American children s author and educator. She started the first free kindergarten in San...



Mother Stories

Bluewater Publications, United States, 2010. Paperback. Book Condition: New. Sarah Noble-Ives (illustrator). 235 x 191 mm. Language: English . Brand New Book ***** Print on Demand *****.I have endeavored to write, for mothers and dear little children, a few simple stories, embodying...



Mother Carey s Chickens

BOOK JUNGLE, United States, 2010. Paperback. Book Condition: New. 235 x 191 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin was an American children s author and educator. She started the first free kindergarten in San...



The Flag-Raising

BOOK JUNGLE, United States, 2010. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin was an American children s author and educator. She started the first free kindergarten in San...



Homespun Tales

BOOK JUNGLE, United States, 2009. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin was an American children s author and educator. She started the first free kindergarten in San...
