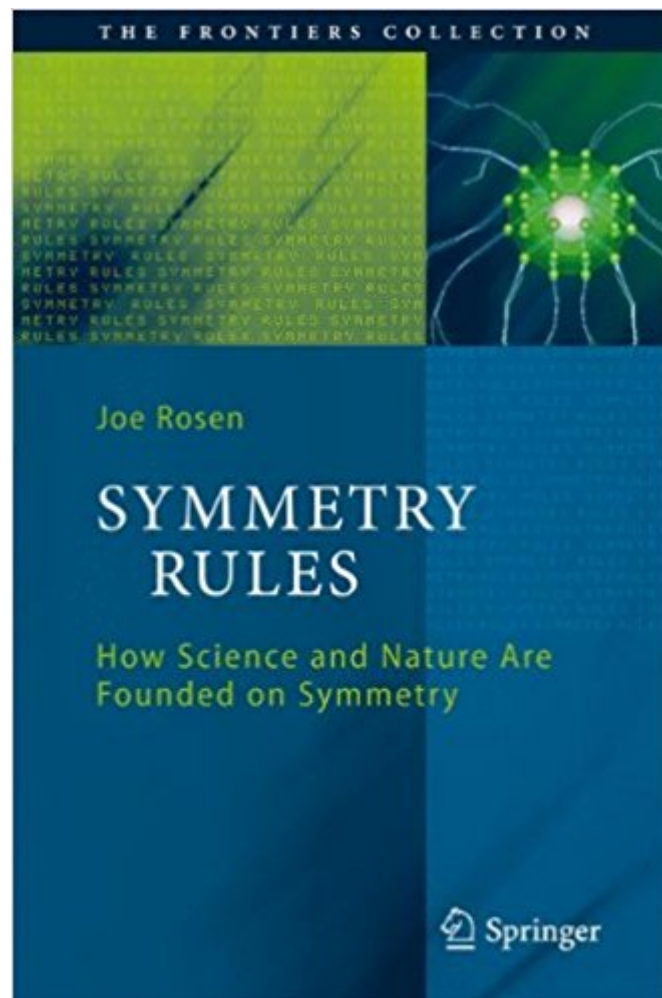




Ebook Directory
the best source of ebook

The book was found

Symmetry Rules: How Science And Nature Are Founded On Symmetry (The Frontiers Collection)



Synopsis

When we use science to describe and understand the world around us, we are in essence grasping nature through symmetry. Emphasizing the concepts, this book leads the reader coherently and comprehensively into the fertile field of symmetry and its applications. Among the most important applications considered are the fundamental forces of nature and the Universe. Written by a renowned expert, this book will convince all interested readers of the importance of symmetry in science.

Book Information

Series: The Frontiers Collection

Hardcover: 305 pages

Publisher: Springer; 2008 edition (April 7, 2008)

Language: English

ISBN-10: 3540759727

ISBN-13: 978-3540759720

Product Dimensions: 6.1 x 0.8 x 9.2 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #803,723 in Books (See Top 100 in Books) #109 in [Books > Science & Math > Mathematics > Pure Mathematics > Group Theory](#) #156 in [Books > Science & Math > Mathematics > Pure Mathematics > Algebra > Abstract](#) #244 in [Books > Textbooks > Humanities > Philosophy > Aesthetics](#)

Customer Reviews

From the reviews: "Symmetry Rules is a sophisticated monograph based on the special personal perspective of theoretical physicist Rosen $\hat{a}$ | . The fundamental notion is that nature may be broken into isolated systems, and that nature may be understood as the sum of its parts. $\hat{a}$ | The book includes a detailed presentation of group theory, which lends a distinctive view of nature. $\hat{a}$ | This book belongs in good college libraries. Summing Up: Recommended. Upper-division undergraduate through professional collections." (K. L. Schick, CHOICE, Vol. 46 (01), September, 2008)

When we use science to describe and understand the world around us, we are in essence grasping nature through symmetry. In fact, modern theoretical physics suggests that symmetry is a, if not the, foundational principle of nature. Emphasizing the concepts, this book leads the reader coherently

and comprehensively into the fertile field of symmetry and its applications. Among the most important applications considered are the fundamental forces of nature and the Universe. It is shown that the Universe cannot possess exact symmetry, which is a principle of fundamental significance. Curie's principle - which states that the symmetry of the effect is at least that of the cause - features prominently. An introduction to group theory, the mathematical language of symmetry, is included. This book will convince all interested readers of the importance of symmetry in science. Furthermore, it will serve as valuable background reading for all students in the physical sciences.

[Download to continue reading...](#)

Symmetry Rules: How Science and Nature Are Founded on Symmetry (The Frontiers Collection)
Frontiers in Health Policy Research: Volume 7 (NBER Frontiers in Health Policy) Kismet. Music and lyrics by Robert Wright and George Forrest. (Based on themes of A. Borodin.) Book by Charles Lederer and Luther Davis. (Founded on " Kismet " Vocal score (edited by Louis C. Singer)
Sneaker Wars: The Enemy Brothers Who Founded Adidas and Puma and the Family Feud That Forever Changed the Business of Sports Galactic Frontiers: A Collection of Space Opera and Military Science Fiction Stories The Women Who Founded RISD: "What a beginning is worthâ •: The Womenâ™s Centennial Committee of Rhode Island and the Founding of RISD, 1875-1877 (The Ecology of Culture in Rhode Island) (Volume 1) The American Fisherman: How Our Nation's Anglers Founded, Fed, Financed, and Forever Shaped the USA iWoz: Computer Geek to Cult Icon: How I Invented the Personal Computer, Co-Founded Apple, and Had Fun Doing It The Faith of Our Fathers: A Plain Exposition and Vindication of the Church Founded by Our Lord Jesus Christ Dreams of a Great Small Nation: The Mutinous Army that Threatened a Revolution, Destroyed an Empire, Founded a Republic, and Remade the Map of Europe Insider-cures against cancer: 54 Insider-cures, scientifically founded, over 100 study sources + experience reports World History Biographies: Gandhi: The Young Protester Who Founded a Nation (National Geographic World History Biographies) Georgia Nature Weekends: 52 Adventures in Nature (Nature Weekend Series) The Seneca Effect: Why Growth is Slow but Collapse is Rapid (The Frontiers Collection) Where Science and Ethics Meet: Dilemmas at the Frontiers of Medicine and Biology Third Grade Book: I Love Science: Science for Kids 3rd Grade Books (Children's Science & Nature Books) Symmetry (Princeton Science Library) Chaos and Fractals: New Frontiers of Science The Brain That Changes Itself: Personal Triumphs from the Frontiers of Brain Science The Great Unknown: Seven Journeys to the Frontiers of Science

Contact Us

DMCA

Privacy

FAQ & Help