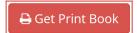# Symmetry: A Very Short Introduction (Very Short Introductions)

By Ian Stewart

Symmetry: A Very Short Introduction (Very Short Introductions) By Ian Stewart

Symmetry is an immensely important concept in mathematics and throughout the sciences. In this *Very Short Introduction*, Ian Stewart demonstrates symmetry's deep implications, showing how it even plays a major role in the current search to unify relativity and quantum theory. Stewart, a respected mathematician as well as a widely known popular-science and science-fiction writer, brings to this volume his deep knowledge of the subject and his gift for conveying science to general readers with clarity and humor. He describes how symmetry's applications range across the entire field of mathematics and how symmetry governs the structure of crystals, innumerable types of pattern formation, and how systems change their state as parameters vary. Symmetry is also highly visual, with applications that include animal markings, locomotion, evolutionary biology, elastic buckling, waves, the shape of the Earth, and the form of galaxies. Fundamental physics is governed by symmetries in the laws of nature--Einstein's point that the laws should be the same at all locations and all times.

About the Series:

Oxford's Very Short Introductions series offers concise and original introductions to a wide range of subjects--from Islam to Sociology, Politics to Classics, Literary Theory to History, and Archaeology to the Bible. Not simply a textbook of definitions, each volume in this series provides trenchant and provocative--yet always balanced and complete--discussions of the central issues in a given discipline or field. Every Very Short Introduction gives a readable evolution of the subject in question, demonstrating how the subject has developed and how it has influenced society. Eventually, the series will encompass every major academic discipline, offering all students an accessible and abundant reference library. Whatever the area of study that one deems important or appealing, whatever the topic that fascinates the general reader, the Very Short Introductions series has a handy and affordable guide that will likely prove indispensable.

Symmetry: A Very Short Introduction (Very Short Introductions)

By Ian Stewart

Symmetry: A Very Short Introduction (Very Short Introductions) By Ian Stewart

Symmetry is an immensely important concept in mathematics and throughout the sciences. In this *Very Short Introduction*, Ian Stewart demonstrates symmetry's deep implications, showing how it even plays a major role in the current search to unify relativity and quantum theory. Stewart, a respected mathematician as well as a widely known popular-science and science-fiction writer, brings to this volume his deep knowledge of the subject and his gift for conveying science to general readers with clarity and humor. He describes how symmetry's applications range across the entire field of mathematics and how symmetry governs the structure of crystals, innumerable types of pattern formation, and how systems change their state as parameters vary. Symmetry is also highly visual, with applications that include animal markings, locomotion, evolutionary biology, elastic buckling, waves, the shape of the Earth, and the form of galaxies. Fundamental physics is governed by symmetries in the laws of nature--Einstein's point that the laws should be the same at all locations and all times.

About the Series:

Oxford's Very Short Introductions series offers concise and original introductions to a wide range of subjects--from Islam to Sociology, Politics to Classics, Literary Theory to History, and Archaeology to the Bible. Not simply a textbook of definitions, each volume in this series provides trenchant and provocative-- yet always balanced and complete--discussions of the central issues in a given discipline or field. Every Very Short Introduction gives a readable evolution of the subject in question, demonstrating how the subject has developed and how it has influenced society. Eventually, the series will encompass every major academic discipline, offering all students an accessible and abundant reference library. Whatever the area of study that one deems important or appealing, whatever the topic that fascinates the general reader, the Very Short Introductions series has a handy and affordable guide that will likely prove indispensable.

Symmetry: A Very Short Introduction (Very Short Introductions) By Ian Stewart Bibliography

- Sales Rank: #794330 in Books
- Brand: Brand: OUP Oxford
- Published on: 2013-07-12
- Original language: English
- Number of items: 1
- Dimensions: 4.40" h x .40" w x 6.70" l, .28 pounds
- Binding: Paperback
- 160 pages

⬇ **Download** Symmetry: A Very Short Introduction (Very Short In ...pdf

Download and Read Free Online Symmetry: A Very Short Introduction (Very Short Introductions) By Ian Stewart

Editorial Review

Review

"In his usual manner, noted mathematician and prolific writer Stewart shares mathematical ideas in an enjoyable context. Overall, a good read for anyone wanting to know about symmetries. Highly recommended." -J. Johnson, Western Washington University, *CHOICE*

About the Author

Ian Stewart is Emeritus Professor of Mathematics at Warwick University. He is the author of over 80 books, including *Does God Play Dice?: The New Mathematics of Chaos, Flatterland, From Here to Infinity*, and several collections of his highly popular math columns from *Scientific American*. He won the Michael Faraday Prize in 1995 and was elected as a Fellow of the Royal Society in 2001.

Users Review

From reader reviews:

Vanesa Thomas:

Spent a free the perfect time to be fun activity to try and do! A lot of people spent their down time with their family, or all their friends. Usually they performing activity like watching television, planning to beach, or picnic inside the park. They actually doing same every week. Do you feel it? Will you something different to fill your own personal free time/ holiday? Could be reading a book might be option to fill your free time/ holiday. The first thing that you will ask may be what kinds of publication that you should read. If you want to attempt look for book, may be the e-book untitled Symmetry: A Very Short Introduction (Very Short Introductions) can be great book to read. May be it may be best activity to you.

George Finch:

The book untitled Symmetry: A Very Short Introduction (Very Short Introductions) contain a lot of information on this. The writer explains your girlfriend idea with easy technique. The language is very easy to understand all the people, so do certainly not worry, you can easy to read this. The book was compiled by famous author. The author will take you in the new period of literary works. You can easily read this book because you can continue reading your smart phone, or model, so you can read the book throughout anywhere and anytime. In a situation you wish to purchase the e-book, you can available their official web-site in addition to order it. Have a nice study.

Daryl Thurmond:

Many people spending their time frame by playing outside together with friends, fun activity having family or just watching TV the entire day. You can have new activity to enjoy your whole day by looking at a book. Ugh, think reading a book will surely hard because you have to use the book everywhere? It fine you can have the e-book, bringing everywhere you want in your Touch screen phone. Like Symmetry: A Very Short Introduction (Very Short Introductions) which is keeping the e-book version. So , try out this book? Let's notice.

Carolyn Bailey:

On this era which is the greater particular person or who has ability to do something more are more special than other. Do you want to become one among it? It is just simple solution to have that. What you are related is just spending your time not very much but quite enough to experience a look at some books. One of several books in the top listing in your reading list is actually Symmetry: A Very Short Introduction (Very Short Introductions). This book that is qualified as The Hungry Inclines can get you closer in turning into precious person. By looking right up and review this e-book you can get many advantages.

Download and Read Online Symmetry: A Very Short Introduction (Very Short Introductions) By Ian Stewart #6VJNU2WEQGT

Read Symmetry: A Very Short Introduction (Very Short Introductions) By Ian Stewart for online ebook

Symmetry: A Very Short Introduction (Very Short Introductions) By Ian Stewart Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Symmetry: A Very Short Introduction (Very Short Introductions) By Ian Stewart books to read online.

Online Symmetry: A Very Short Introduction (Very Short Introductions) By Ian Stewart ebook PDF download

Symmetry: A Very Short Introduction (Very Short Introductions) By Ian Stewart Doc

Symmetry: A Very Short Introduction (Very Short Introductions) By Ian Stewart Mobipocket

Symmetry: A Very Short Introduction (Very Short Introductions) By Ian Stewart EPub