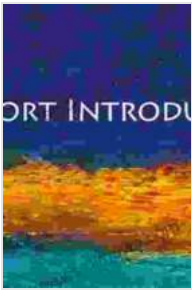


Waves: A Very Short Introduction



Waves are everywhere. From the ripples on the surface of a pond to the towering waves that crash ashore, waves are a fascinating and ubiquitous part of our world. But what exactly are waves, and how do they work?



Waves: A Very Short Introduction (Very Short Introductions) by Asish Ghosh

★★★★☆ 4.7 out of 5

Language	: English
File size	: 4181 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Word Wise	: Enabled
Print length	: 160 pages
Lending	: Enabled
X-Ray for textbooks	: Enabled
Hardcover	: 154 pages
Item Weight	: 7 ounces
Dimensions	: 4.53 x 0.35 x 7.48 inches
Paperback	: 152 pages



In this Very Short , physicist Chris Garrett explains the science of waves, from their basic properties to their diverse applications in technology and nature. He explores the different types of waves, including water waves, sound waves, and electromagnetic waves, and discusses the fundamental principles that govern their behavior.

Garrett describes the role of waves in weather and climate, and how waves can be used to study the ocean floor and detect earthquakes. He also explores the uses of waves in medicine, including ultrasound and MRI scans, and in telecommunications, where waves carry our voices and data around the world.

Written in an engaging and accessible style, *Waves: A Very Short* is an ideal to the science of waves for students, researchers, and anyone with an

interest in this fascinating topic.

About the Author

Chris Garrett is a professor of physics at the University of Southampton. He is an expert on waves, and his research interests include oceanography, acoustics, and geophysics. He is a Fellow of the Royal Society and the Institute of Physics.

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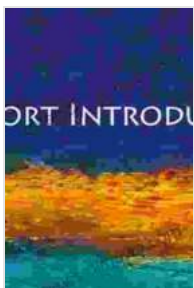
* 1. What are waves? * 2. Types of waves * 3. The properties of waves * 4. Waves in nature * 5. Waves in technology * 6. Waves in medicine * 7. Waves in telecommunications * 8. Waves and the future

Reviews

"Garrett's passion for his subject shines through in this engaging and informative to waves." - *Physics World*

"A clear and concise to a fascinating topic." - *New Scientist*

"An excellent to the science of waves, written in a clear and engaging style." - *Choice*

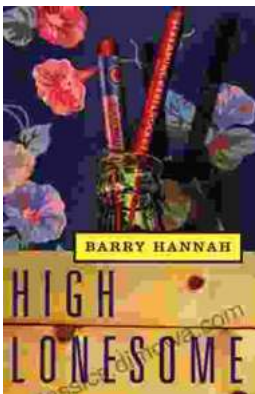


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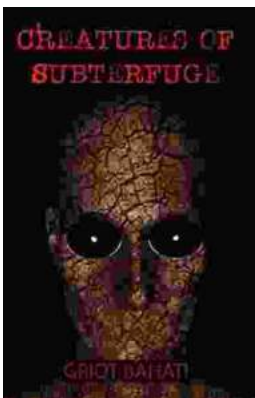
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