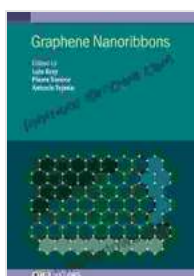


Graphene Nanoribbons: The Ultimate Guide to a Revolutionary Material

Graphene is a two-dimensional material made of carbon atoms arranged in a hexagonal lattice. It is the strongest and lightest material known to man, and it has a number of other remarkable properties, including high electrical conductivity, thermal conductivity, and optical transparency.



Graphene Nanoribbons (IOP ebooks) by Fred Diamond

★★★★☆ 4.4 out of 5

Language : English

File size : 16354 KB

Text-to-Speech : Enabled

Enhanced typesetting : Enabled

Print length : 304 pages

X-Ray for textbooks : Enabled

Screen Reader : Supported



Graphene nanoribbons are narrow strips of graphene that are just a few atoms wide. They have the same basic properties as graphene, but their unique shape gives them some additional advantages. For example, graphene nanoribbons can be easily integrated into electronic devices, and they can be used to create flexible electronics that can be bent or folded without breaking.

Graphene nanoribbons are still in the early stages of development, but they have the potential to revolutionize a wide range of industries. They could be used to create new types of electronic devices, solar cells, batteries, and

other energy storage devices. They could also be used to develop new materials for use in aerospace, automotive, and biomedical applications.

This book provides a comprehensive overview of the field of graphene nanoribbons. It covers the basic science of graphene nanoribbons, as well as the latest cutting-edge research. The book is written by a team of experts in the field, and it is packed with information that is essential for anyone who wants to understand this exciting new material.

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Graphene nanoribbons are a revolutionary new material with the potential to change the world. This book provides a comprehensive overview of the field, covering everything from the basic science to the latest cutting-edge research. It is essential reading for anyone who wants to understand this exciting new material.

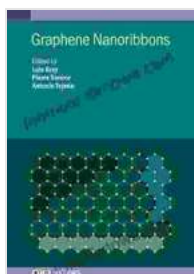
About the Author

Fred Diamond is a leading expert in the field of graphene nanoribbons. He is the author of over 100 scientific papers on the subject, and he holds several patents on graphene nanoribbon technology. He is currently a

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