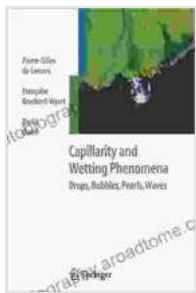


Capillarity and Wetting Phenomena: Drops, Bubbles, Pearls, Waves

Capillarity and wetting phenomena are the study of the behavior of liquids at interfaces. These phenomena are responsible for a wide range of everyday phenomena, such as the formation of drops, bubbles, and waves. They also play an important role in a variety of industrial processes, such as microfluidics, nanotechnology, and biotechnology.



Capillarity and Wetting Phenomena: Drops, Bubbles, Pearls, Waves by Pierre-Gilles de Gennes

★★★★☆ 4.8 out of 5

Language : English

File size : 5386 KB

Text-to-Speech : Enabled

Print length : 308 pages



This book provides a comprehensive and up-to-date treatment of the latest research in the field of capillarity and wetting phenomena. The book covers a wide range of topics, including the physics of drops, bubbles, pearls, and waves, as well as the applications of these phenomena in a variety of fields.

Key Features

- Comprehensive coverage of the latest research in the field of capillarity and wetting phenomena

- In-depth analysis of the physics of drops, bubbles, pearls, and waves
- Discussion of the applications of capillarity and wetting phenomena in a variety of fields, such as microfluidics, nanotechnology, and biotechnology
- Extensive use of illustrations and examples to help explain the concepts
- References to the latest research literature

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Author

The author of this book is Dr. Pierre-Gilles de Gennes, a Nobel laureate in physics. Dr. de Gennes is a world-renowned expert in the field of capillarity and wetting phenomena. He has published over 500 papers on the subject and has written several books, including "The Physics of Liquid Crystals" and "Soft Interfaces: The Science of Liquid-Solid Interfaces."

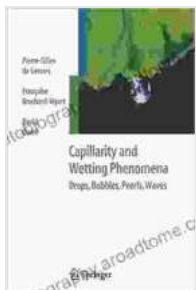
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-Dr. David Quéré, Professor of Physics at ESPCI Paris

"This book is a valuable resource for anyone working in the field of microfluidics, nanotechnology, or biotechnology. It provides a comprehensive overview of the latest research in capillarity and wetting phenomena, and it discusses the applications of these phenomena in a variety of fields. The book is well-written and easy to understand, and it is filled with illustrations and examples that help explain the concepts. I highly recommend this book to anyone who wants to learn more about this important field."

-Dr. Jan Vermant, Professor of Chemical Engineering at KU Leuven



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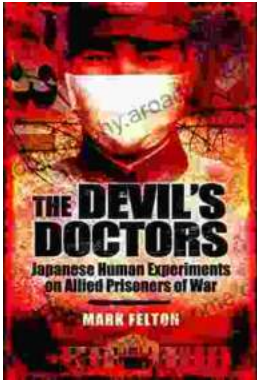
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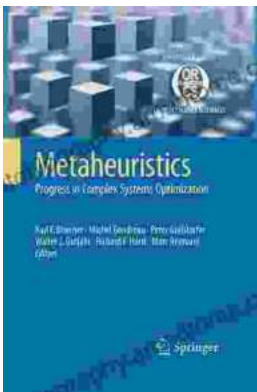
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