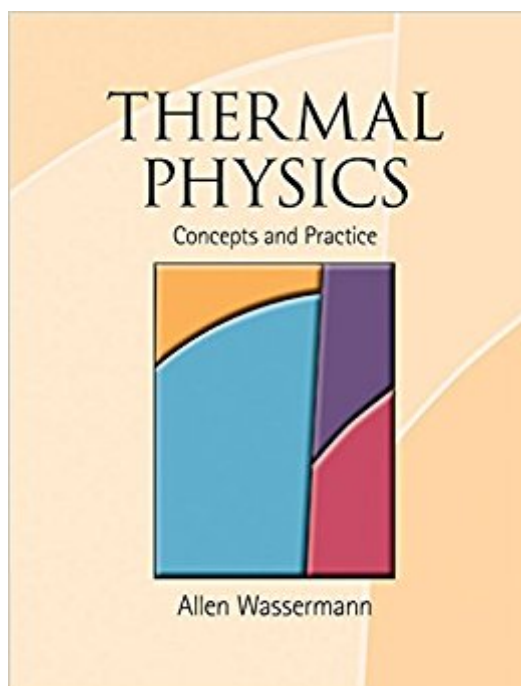


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Thermal Physics: Concepts And Practice



Synopsis

Thermodynamics has benefited from nearly 100 years of parallel development with quantum mechanics. As a result, thermal physics has been considerably enriched in concepts, technique and purpose, and now has a dominant role in the developments of physics, chemistry and biology. This unique book explores the meaning and application of these developments using quantum theory as the starting point. The book links thermal physics and quantum mechanics in a natural way.

Concepts are combined with interesting examples, and entire chapters are dedicated to applying the principles to familiar, practical and unusual situations. Together with end-of-chapter exercises, this book gives advanced undergraduate and graduate students a modern perception and appreciation for this remarkable subject.

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Customer Reviews

Linking thermal physics and quantum mechanics in a natural way, this unique book explores the application of thermal physics using quantum theory as the starting point. It applies the principles to familiar, practical and unusual situations to give advanced undergraduate and graduate students a modern appreciation for this remarkable subject.

Allen L. Wassermann is Professor (Emeritus) in the Department of Physics, Oregon State University. His research area is condensed matter physics.

A remember 'thermal physics'In college, not this particular book.But what the heck...

The text is very readable and easy to understand. It is better than the notes he provided when I took the course from him twelve years ago.

good service and good book. My friend has been looking for this book, and I help her get it at last!

Thank you!

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