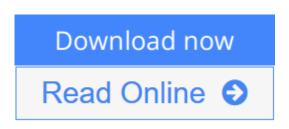


Statistical Physics: An Advanced Approach with Applications (Graduate Texts in Physics)

By Josef Honerkamp



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The application of statistical methods to physics is essential. This unique book on statistical physics offers an advanced approach with numerous applications to the modern problems students are confronted with. Therefore the text contains more concepts and methods in statistics than the student would need for statistical mechanics alone. Methods from mathematical statistics and stochastics for the analysis of data are discussed as well.

The book is divided into two parts, focusing first on the modeling of statistical systems and then on the analysis of these systems. Problems with hints for solution help the students to deepen their knowledge. The third edition has been updated and enlarged with new sections deepening the knowledge about data analysis. Moreover, a customized set of problems with solutions is accessible on the Web at extras.springer.com.

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Statistical Physics: An Advanced Approach with Applications (Graduate Texts in Physics) By Josef Honerkamp Bibliography

- Sales Rank: #6331766 in Books
- Published on: 2012-06-19
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x 1.25" w x 6.14" l, 2.13 pounds
- Binding: Hardcover
- 554 pages

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Editorial Review

Review

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From the Back Cover

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