

<<统计力学STATISTICAL MEC>>

图书基本信息

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内容概要

A delight to read and provides such a firm foundation for further study in statistical mechanics that I, for one, will use it the next time I teach introductory statistical mechanics.

作者简介

Shang-Keng Ma, Professor of Physics at the University of California, San Diego, died in his home in La Jolla on November 24, 1983. He was recognized as a leading theoretical physicist and educator in statistical physics.

Ma is perhaps best known for his contributions to the theory of critical phenomena. In collaboration with B. I. Halperin and R C. Hohenberg he pioneered the application of the renormalization group theory to critical phenomena. His book *Modern Theory of Critical Phenomena* (1976) has become a fundamental text.

During the last ten years of his life he was instrumental in the development of the Monte Carlo renormalization group technique, the random magnetic Ising model, the dynamics of spin-glasses and the "coincidence counting" method for calculating entropy from phase space trajectory.

Despite his declining health, Ma continued to teach until a few days before his death. He is survived by his wife and their two children.

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