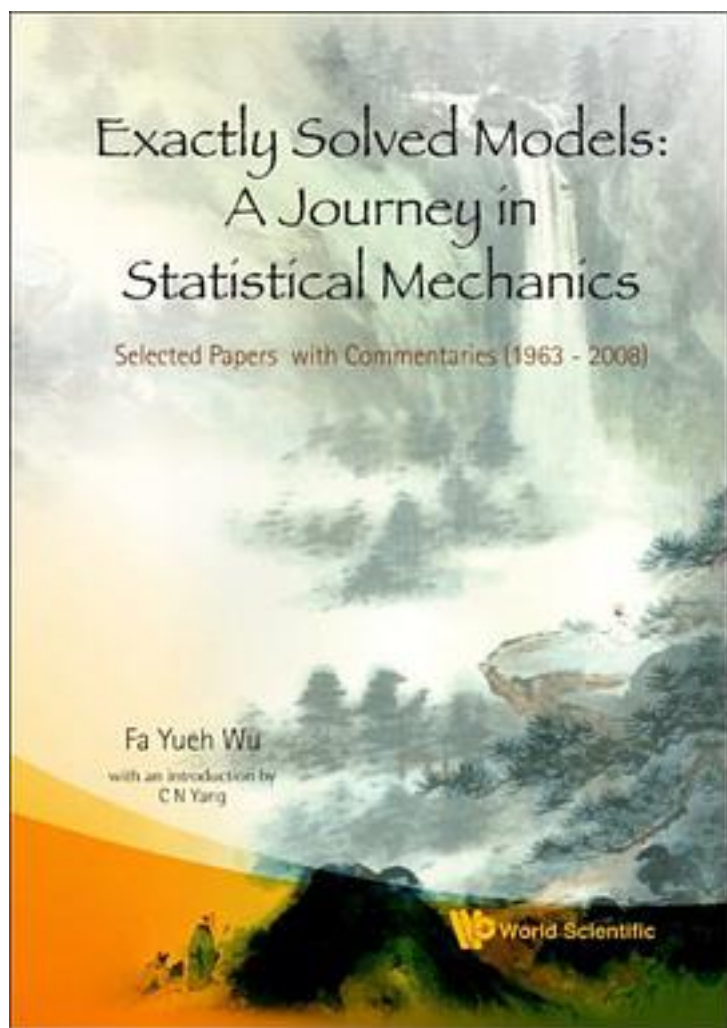


# Exactly Solved Models



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著者:Not Available (NA)

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This unique volume provides a comprehensive overview of exactly solved models in

statistical mechanics by looking at the scientific achievements of F Y Wu in this and related fields, which span four decades of his career. The book is organized into topics ranging from lattice models in condensed matter physics to graph theory in mathematics, and includes the author s pioneering contributions. Through insightful commentaries, the author presents an overview of each of the topics and an insider s look at how crucial developments emerged. With the inclusion of important pedagogical review articles by the author, Exactly Solved Models is an indispensable learning tool for graduate students, and an essential reference and source book for researchers in physics and mathematics as well as historians of science.

Contents:Dimer Statistics; The Vertex Model; Duality and Gauge Transformations; The Ising Model; The Potts Model; Critical Frontiers; Percolation; Graph Theory; Knot Invariants; Other Topics.

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