

<<Mathphys odyssey 200>>

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内容概要

Developments in mathematical physics during the second half of the 20th century influenced a number of mathematical areas, among the more significant being representation theory, differential equations, combinatorics, and algebraic geometry. In all of them, the dynamic role of integrable models has been central, largely due to two essential properties: the fact that integrable models possess infinite degrees of freedom and infinite dimensional symmetries. This volume focuses on the ongoing importance of integrability in covering the following topics: conformal field theory, massive quantum field theory, solvable lattice models, quantum affine algebras, the Painlevé equations and combinatorics.

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