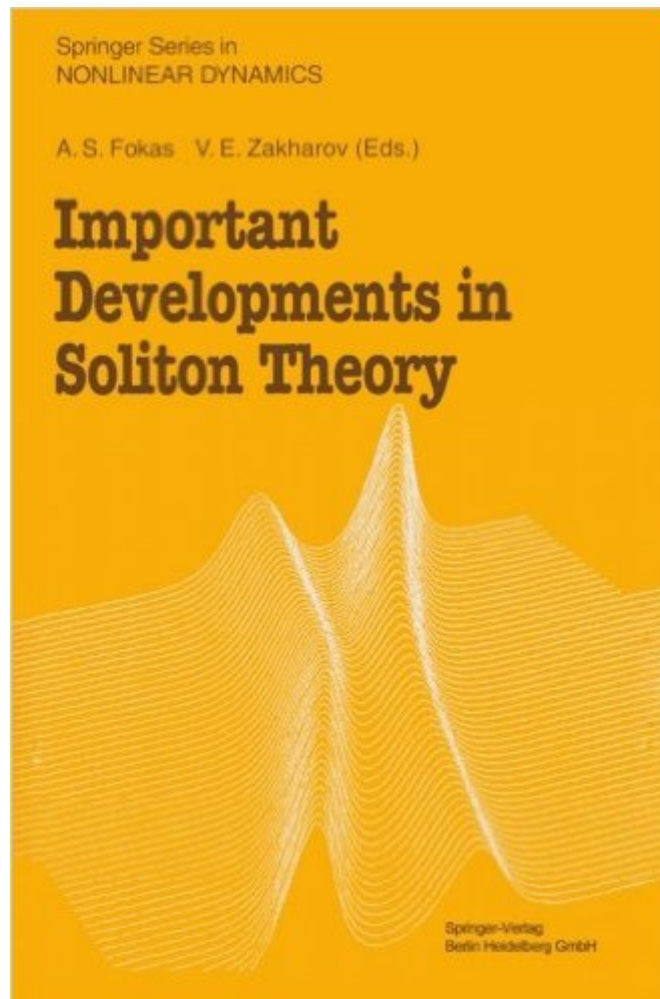


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# Important Developments In Soliton Theory (Springer Series In Nonlinear Dynamics)



## Synopsis

In the last ten to fifteen years there have been many important developments in the theory of integrable equations. This period is marked in particular by the strong impact of soliton theory in many diverse areas of mathematics and physics; for example, algebraic geometry (the solution of the Schottky problem), group theory (the discovery of quantum groups), topology (the connection of Jones polynomials with integrable models), and quantum gravity (the connection of the KdV with matrix models). This is the first book to present a comprehensive overview of these developments. Numbered among the authors are many of the most prominent researchers in the field.

## Book Information

Series: Springer Series in Nonlinear Dynamics

Paperback: 559 pages

Publisher: Springer; Softcover reprint of the original 1st ed. 1993 edition (October 23, 2012)

Language: English

ISBN-10: 3642634508

ISBN-13: 978-3642634505

Product Dimensions: 6.1 x 1.3 x 9.2 inches

Shipping Weight: 1.9 pounds (View shipping rates and policies)

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