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Sommario/riassunto	This book provides an up-to-date overview of mathematical theories and research results on solitons, presenting related mathematical methods and applications as well as numerical experiments. Different types of soliton equations are covered along with their dynamical behaviors and applications from physics, making the book an essential reference for researchers and graduate students in applied mathematics and physics. ContentsIntroductionInverse scattering transformAsymptotic behavior to initial value problems for some integrable evolution nonlinear equationsInteraction of solitons and its

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