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| Titolo | The Nonlinear Schrodinger Equation // edited by Nalan Antar and Ilkay Bakrtas |
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| Sommario/riassunto | The nonlinear Schrodinger equation is a prototypical dispersive nonlinear partial differential equation that has been derived in many areas of physics and analyzed mathematically for many years. With this book, we aim to capture different perspectives of researchers on the nonlinear Schrodinger equation arising from theoretical, numerical, and experimental aspects. The eight chapters cover a variety of topics related to nonlinear optics, quantum mechanics, and physics. This book provides scientists, researchers, and engineers as well as graduate and post-graduate students working on or interested in the nonlinear Schrodinger equation with an in-depth discussion of the latest advances in nonlinear optics and quantum physics. |