Nonlinear Systems and Complexity
Series Editor: Albert C.J. Luo

Panayotis Kevrekidis · Ricardo Carretero-González · Jesús Cuevas-Maraver
Dimitris Frantzeskakis · Nikos Karachalios · Faustino Palmero-Acebedo *Editors*

Localized Excitations in Nonlinear Complex Systems
Current State of the Art and Future Perspectives

The study of nonlinear localized excitations is a long-standing challenge for research in basic and applied science, as well as engineering, due to their importance in understanding and predicting phenomena arising in nonlinear and complex systems, but also due to their potential for the development and design of novel applications. This volume is a compilation of chapters representing the current state-of-the-art on the field of localized excitations and their role in the dynamics of complex physical systems.

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