1. Record Nr.   UNINA9910765777603321

   Titolo   Non-linear lattice / / edited by Ignazio Licata and Sauro Succi

   Pubbl/distr/stampa   Basel, Switzerland : , : MDPI, , [2016]
                        ©2016

   ISBN   3-03842-307-6

   Descrizione fisica   1 online resource (xvi, 274 pages) : illustrations

   Disciplina   511.33

   Soggetti   Lattice theory

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Nota di bibliografia   Includes bibliographical references.

   Sommario/riassunto   The development of mathematical techniques, combined with new
                        possibilities of computational simulation, have greatly broadened the
                        study of non-linear lattices, a theme among the most refined and
                        interdisciplinary-oriented in the field of mathematical physics. This
                        Special Issue mainly focuses on state-of-the-art advancements
                        concerning the many facets of non-linear lattices, from the theoretical
                        ones to more applied ones. The non-linear and discrete systems play a
                        key role in all ranges of physical experience, from macrophenomena to
                        condensed matter, up to some models of space discrete space-time.