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| 1. Record Nr.           | UNINA9911142937803321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Titolo                  | Proceedings of the Highly Specialized Seminar on Symmetries in Nuclear Structure : an occasion to celebrate the 60th birthday of Francesco Iachello, Erice, Italy, 23-30 March, 2003 / / editors, Andrea Vitturi and Richard F. Casten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Pubbl/distr/stampa      | River Edge, N.J., : World Scientific, c2004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ISBN                    | 9786611898793<br>9781281898791<br>1281898791<br>9789812702760<br>9812702768                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Edizione                | [1st ed.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Descrizione fisica      | 1 online resource (496 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Collana                 | Science and culture series. Physics ; ; 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Altri autori (Persone)  | IachelloF<br>VitturiAndrea<br>CastenR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Disciplina              | 539.7/4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Soggetti                | Nuclear structure<br>Symmetry (Physics)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Note generali           | The meeting was held in the Ettore Majorana Centre.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Nota di bibliografia    | Includes bibliographical references.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Nota di contenuto       | CONTENTS; Preface; Symmetry: the search for order in nature; 1 Symmetry; 2 Symmetry in Physics; Additional quantum numbers dynamical symmetries and degeneracies; Partial dynamical symmetry as an intermediate symmetry structure; 1 Introduction; 2 SU(3) PDS (type I) 3 O(6) PDS (type I) 4 O(5) PDS (type II) ; 5 O(6) PDS (type II); 6 O(6) PDS (type III); 7 Summary and Conclusions; Vector coherent state theory: a powerful tool for solving algebraic problems in physics; 1 Introduction; 2 Scalar coherent state presentations 3 Vector coherent state representations 4 VCS representations of su(3) in an su(2) basis; 5 Representation of su(3) in an so(3) basis 6 Representations of so(5) in an so(3) basis; 7 Discussion; Symmetries in strongly deformed nuclei; 1 Introduction 2 Model space and interaction 3 Representative results; 4 Conclusions; Shape coexistence and its symmetries; 1 Introduction: the early work; 2 |

Quadrupole force dominance; 3 Shape coexistence and its symmetries  
 1 Introduction 2 Many-Body Hamiltonians; 3 Connection to Gaudin  
 Algebras; Some new perspectives on pairing in nuclei; 1 Introduction; 2  
 Richardson's solution of the Pairing Mode An electrostatic analogy for  
 Pairing Models  
 4 A new pictorial representation of nuclear superconductivity

#### Sommario/riassunto

The Highly Specialized Seminar on "Symmetries in Nuclear Structure", held in Erice, Italy, in March 2003, celebrated the career and the remarkable achievements of Francesco Iachello, on the occasion of his 60th birthday. Since the development of the interacting boson model in the early 1970's, the ideas of Iachello have provided a variety of frameworks for understanding collective behaviour in nuclear structure, founded on the concepts of dynamical symmetries and spectrum-generating algebras. The original ideas, which were developed for the description of atomic nuclei, have now been successful...

#### 2. Record Nr.

UNINA99111146614203321

#### Autore

Whaling Richard

#### Titolo

Modern systems programming with Scala Native : write lean, high-performance code without the JVM / / by Richard Whaling.; [foreword by Denys Shabalyn ; edited by katharine Dvorak]

#### Pubbl/distr/stampa

Raleigh, : Pragmatic Programmers, , [2020]

#### ISBN

9781680507485  
 1680507486

#### Descrizione fisica

xxiii, 227 pages : illustrations ; 24 cm

#### Collana

Pragmatic programmers

#### Soggetti

Scala (Computer program language)  
 Systems programming (Computer science)

#### Lingua di pubblicazione

Inglese

#### Formato

Materiale a stampa

#### Livello bibliografico

Monografia

#### Note generali

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#### Nota di bibliografia

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