

1.	Record Nr.	UNISALENTO991001182959707536
	Autore	Rees, Elmer G.
	Titolo	Notes on geometry / Elmer G. Rees
	Pubbl/distr/stampa	Berlin : Springer-Verlag, 1983
	ISBN	354012053X
	Descrizione fisica	viii, 109 p. ; 24 cm.
	Collana	Universitext
	Classificazione	AMS 51-XX
	Disciplina	510
	Soggetti	Geometry
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNISALENTO991001631749707536
	Autore	Moss, John
	Titolo	Patterns of isolation in English Canadian fiction / John Moss
	Pubbl/distr/stampa	Toronto : McClelland and Stewart Limited, c1974
	ISBN	077106568X
	Descrizione fisica	256 p. ; 21 cm.
	Soggetti	Narrativa canadese - Storia e critica Scrittori canadesi - Storia e critica
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes bibliographical references

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| 3. | Record Nr. | UNINA9910715141403321 |
| | Titolo | Combat Aviation Advisor |
| | Pubbl/distr/stampa | [Arlington, Va.] : , : U.S. Air Force, , [2011] |
| | Descrizione fisica | 1 online resource : color illustration |
| | Collana | U.S. Air Force Fact Sheet |
| | Soggetti | Special forces (Military science) - United States |
| | Lingua di pubblicazione | Inglese |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |
| | Note generali | "Published September 14, 2011." |
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| 4. | Record Nr. | UNINA9910782119303321 |
| | Titolo | Energy localisation and transfer [[electronic resource] /] / editors, Thierry Dauxois ... [et al.] |
| | Pubbl/distr/stampa | River Edge, NJ, : World Scientific, c2004 |
| | ISBN | 1-281-93475-5
9786611934750
981-279-486-7 |
| | Descrizione fisica | 1 online resource (428 p.) |
| | Collana | Advanced series in nonlinear dynamics ; ; v. 22 |
| | Altri autori (Persone) | DauxoisT <1967-> (Thierry) |
| | Disciplina | 539/.6 |
| | Soggetti | Energy transfer
Molecular dynamics
Josephson junctions |
| | Lingua di pubblicazione | Inglese |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |
| | Note generali | Description based upon print version of record. |
| | Nota di bibliografia | Includes bibliographical references and index. |
| | Nota di contenuto | CONTENTS ; Preface ; CHAPTER 1 COMPUTATIONAL STUDIES OF DISCRETE BREATHERS |

; 1 Introduction	; 2 A bit on numerics of solving ODEs
; 3 Observing and analyzing breathers in numerical runs	
; 3.1 Targeted initial conditions	; 3.2 Breathers in transient processes
3.3 Breathers in thermal equilibrium	4
Obtaining breathers up to machine precision: Part I	
; 4.1 Method No.1 - designing a map	; 4.2 Method No.2 - saddles on the rim with space-time separation
; 4.3 Method No.3 - homoclinic orbits with time-space separation	
5 Obtaining breathers up to machine precision: Part II	
5.1 Method No.4 - Newton in phase space	
; 5.2 Method No.5 - steepest descent in phase space	
; 5.3 Symmetries	; 6 Perturbing breathers
; 6.1 Linear stability analysis	; 6.2 Plane wave scattering
7 Breathers in dissipative systems	7.1
Obtaining dissipative breathers	; 7.2
Perturbing dissipative breathers	; 8
Computing quantum breathers	; 8.1 The dimer
; 8.2 The trimer	; 8.3 Quantum roto-breathers
; 9 Some applications instead of conclusions	
; Acknowledgments	; References
CHAPTER 2 VIBRATIONAL SPECTROSCOPY AND QUANTUM LOCALIZATION	1
Introduction	; 1.1 Nonlinear dynamics and energy localization
	; 1.2 Nonlinear dynamics and vibrational spectroscopy
Vibrational spectroscopy techniques	; 2.1
Some definitions	; 2.2 Optical techniques
2.3 Neutron scattering techniques	

Sommario/riassunto

This book provides an introduction to localised excitations in spatially discrete systems, from the experimental, numerical and mathematical points of view. Also known as discrete breathers, nonlinear lattice excitations and intrinsic localised modes, these are spatially localised time periodic motions in networks of dynamical units. Examples of such networks are molecular crystals, biomolecules, and arrays of Josephson superconducting junctions. The book also addresses the formation of discrete breathers and their potential role in energy transfer in such systems.

<i>Contents:</i>