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Titolo	Challenges in granular physics [[electronic resource] /] / [edited by] Thomas Halsey, Anita Mehta
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Descrizione fisica	1 online resource (257 p.)
Altri autori (Persone)	HalseyThomas C MehtaAnita
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Soggetti	Granular materials Granular materials - Fluid dynamics Compacting Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	"This volume is the tangible result of a conference ... held as an Adriatico Research Conference at the International Centre for Theoretical Physics in Trieste, Italy, in August 2001"--Preface.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	CONTENTS ; Preface ; Chapter 1 Multi-Particle Structures in Non-Sequentially Reorganized Hard Sphere Deposits ; 1. Introduction ; 2. Model Deposits ; 3. Statistics of Bridge Structures ; 4. Discussion ; References Chapter 2 Inelastic Hard Spheres with Random Restitution Coefficient: A New Model for Heated Granular Fluids 1. Introduction ; 2. System Studied and Modelisation ; 3. Kinetic Theory ; 4. Numerical Simulations ; 5. Conclusions and Perspectives ; References Chapter 3 Spin-Models of Granular Compaction: From One-Dimensional Models to Random Graphs 1. Introduction ; 2. Random Tapping and Thermal Tapping ; 3. The Ferromagnetic 3-Spin ; 4. One-Dimensional Models

; 5. The Random Graph Model	; 6. Conclusion
; References	
Chapter 4 Models of Free Cooling Granular Gases	
1. Introduction	; 2. Mean Field Model
Lattice Models	; 4. One-Dimensional Models
; 5. Two-Dimensional Lattice Model	; 6.
Conclusions	; Chapter 5 The Steady State of the Tapped
Ising Model	; 1. Introduction
2. Determination of the Steady State Energy	
3. The Steady State Measure	; 4. Conclusion
; References	; Chapter 6 The Effect of Avalanching in a Two-Species Ripple Model
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Numerical Results	; 4. Conclusion
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Chapter 7 Coarsening of Vortex Ripples in Sand	

Sommario/riassunto

This book contains accounts of state-of-the art approaches to the physics of granular matter, from a widely interdisciplinary and international set of experts in the field. The authors include theorists such as S F Edwards, J Krug and J Kurchan; the book is also unique in reporting current experimental approaches with, importantly, a detailed account of new techniques. It will serve as an invaluable handbook for all researchers, both novice and experienced, who wish to get quickly directed to open questions in key aspects of this challenging and topical domain.
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2. Record Nr.	UNINA9910157527503321
Autore	Dobson Mike (Michael J.)
Titolo	The army of the Roman Republic : the second century BC, Polybius and the camps at Numantia, Spain / / by Michael Dobson
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ISBN	1-78297-560-8 1-78297-558-6
Descrizione fisica	1 online resource (449 pages) : illustrations, maps
Disciplina	355.00937
Soggetti	Excavations (Archaeology) - Rome Cities and towns, Ancient - Spain Numantine War, 143-133 B.C Rome Army Rome Military antiquities Rome History Republic, 265-30 B.C Numantia (Extinct city) Spain Antiquities, Roman Rome History, Military 265-30 B.C
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The archaeological and literary evidence -- The theoretical form of armies of the period of the Numantine Wars : the army of the second century BC -- The theoretical layout of camps of the period of the Numantine Wars : camps of the second century BC -- Numantia : the archaeology.