1. Record Nr. UNISANNIOUBO0034675

Autore	Davson, Hugh
Titolo	Fisiologia generale / Hugh Davson
Pubbl/distr/stampa	Firenze, : USES
Titolo uniforme	A textbook of general physiology
Descrizione fisica	v. ; 25 cm.
Disciplina	612
Collocazione	SALA 571 DAV fi(101SALA 571 DAV fi (2
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910299720403321

Autore	Nguyen Ngoc Sn
Titolo	Multiple impacts in dissipative granular chains / / Ngoc Son Nguyen, Bernard Brogliato
Pubbl/distr/stampa	Heidelberg ; ; New York, : Springer, 2013
ISBN	9783642392986 3642392989
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (xix, 234 pages) : illustrations
Collana	Lecture notes in applied and computational mechanics ; ; 72
Altri autori (Persone)	BrogliatoBernard <1963->
Disciplina	531.11
Soggetti	Mechanics, Analytic Multibody systems Statistical mechanics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"ISSN: 1613-7736."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Multiple impacts in in granular chains -- Rigid-body multiple impact laws -- LZB multiple impact model -- Analysis and

validation of the LZB model.

Sommario/riassunto

The extension of collision models for single impacts between two bodies, to the case of multiple impacts (which take place when several collisions occur at the same time in a multibody system) is a challenge in Solid Mechanics, due to the complexity of such phenomena, even in the frictionless case. This monograph aims at presenting the main multiple collision rules proposed in the literature. Such collisions typically occur in granular materials, the simplest of which are made of chains of aligned balls. These chains are used throughout the book to analyze various multiple impact rules which extend the classical Newton (kinematic restitution), Poisson (kinetic restitution) and Darboux-Keller (energetic or kinetic restitution) approaches for impact modelling. The shock dynamics in various types of chains of aligned balls (monodisperse, tapered, decorated, stepped chains) is carefully studied and shown to depend on several parameters: restitution coefficients, contact stiffness ratios, elasticity coefficients (linear or nonlinear force/ indentation relation), and kinetic angles (that depend on the mass ratios). The dissipation and the dispersion of kinetic energy during a multiple impact are mandatory modelling, and are quantified with suitable indices. Particular attention is paid to the ability of the presented laws to correctly predict the wave effects in the chains. Comparisons between many numerical and experimental results are shown, as well as comparisons between four different impact laws in terms of their respective abilities to correctly model dissipation and dispersion of energy.

3. Record Nr. UNINA9910996484003321

Autore	Chen Chung-Yu
Titolo	The Pre-Austronesian ‘Liangdao Man’ / / by Chung-yu Chen
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	981-9789-27-3
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XXIX, 203 p. 45 illus., 41 illus. in color.)
Collana	The Archaeology of Asia-Pacific Navigation, , 2524-7476 ; ; 7
Disciplina	930.102804
Soggetti	Underwater archaeology Prehistoric peoples Archaeology - Philosophy Environmental archaeology Maritime Archaeology Prehistoric Archaeology Archaeology and Race Environmental Archaeology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	The Matsu Archipelago in The Maritime Archaeology -- The Archaeology of Matsu Archipelago -- Physical Anthropology of the Two 'Liangdao Man' Individuals -- DNA Analysis of 'Liangdao Man' -- The origins of the 'Liangdao Man' Population and its East Asian Descendants -- 'Liangdao Man' from Physical and Cultural Anthropological Perspectives -- Results and Conclusion.
Sommario/riassunto	This book adopts a comprehensive approach, drawing from archaeology, physical anthropology, human genetics, linguistics, cultural anthropology, ethnology and ethnography, to explore the Austronesian link of ‘Liangdao Man,’ and the origins of Austronesian language groups. Due to their dating 2,300~1,500 years earlier than Austronesian-speaking peoples, these two individuals should be Pre-Austronesian or Proto-Austroasiatic. The Matsu archipelago is situated off Fuzhou City's estuary in Fujian Province. In 2011–2012, the author unearthed two human skeletons, ‘Liangdao Man 1’ and ‘Liangdao Man 2,’ aged 8,300 and 7,500 years, respectively, on Liangdao Island, one

of these islands. DNA analysis revealed that haplogroups E and R9 were identified, linking them to Austronesians of Taiwan aborigines' maternal lineage.