

1. Record Nr.	UNINA9910778452503321
Autore	Newton Roger G
Titolo	Galileo's pendulum [[electronic resource] ] : from the rhythm of time to the making of matter / / Roger G. Newton
Pubbl/distr/stampa	Cambridge, Mass., : Harvard University Press, 2004
ISBN	0-674-26624-2 0-674-04148-8
Descrizione fisica	1 online resource (166 p.)
Disciplina	529/.7
Soggetti	Time measurements Pendulum
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. [142]-145) and index.
Nota di contenuto	Frontmatter -- Contents -- Preface -- Introduction -- 1. Biological Timekeeping: The Body's Rhythms -- 2. The Calendar: Different Drummers -- 3. Early Clocks: Home-Made Beats -- 4. The Pendulum Clock: The Beat of Nature -- 5. Successors: Ubiquitous Timekeeping -- 6. Isaac Newton: The Physics of the Pendulum -- 7. Sound and Light: Oscillations Everywhere -- 8. The Quantum: Oscillators Make Particles -- Notes -- References -- Illustration Credits -- Index
Sommario/riassunto	Bored during Mass at the cathedral in Pisa, the seventeen-year-old Galileo regarded the chandelier swinging overhead--and remarked, to his great surprise, that the lamp took as many beats to complete an arc when hardly moving as when it was swinging widely. Galileo's Pendulum tells the story of what this observation meant, and of its profound consequences for science and technology. The principle of the pendulum's swing--a property called isochronism--marks a simple yet fundamental system in nature, one that ties the rhythm of time to the very existence of matter in the universe. Roger Newton sets the stage for Galileo's discovery with a look at biorhythms in living organisms and at early calendars and clocks--contrivances of nature and culture that, however adequate in their time, did not meet the precise requirements of seventeenth-century science and navigation. Galileo's Pendulum recounts the history of the newly evolving time pieces--from marine chronometers to atomic clocks--based on the

pendulum as well as other mechanisms employing the same physical principles, and explains the Newtonian science underlying their function. The book ranges nimbly from the sciences of sound and light to the astonishing intersection of the pendulum's oscillations and quantum theory, resulting in new insight into the make-up of the material universe. Covering topics from the invention of time zones to Isaac Newton's equations of motion, from Pythagoras' theory of musical harmony to Michael Faraday's field theory and the development of quantum electrodynamics, Galileo's Pendulum is an authoritative and engaging tour through time of the most basic all-pervading system in the world. Table of Contents: Preface Introduction 1. Biological Timekeeping: The Body's Rhythms 2. The Calendar: Different Drummers 3. Early Clocks: Home-Made Beats 4. The Pendulum Clock: The Beat of Nature 5. Successors: Ubiquitous Timekeeping 6. Isaac Newton: The Physics of the Pendulum 7. Sound and Light: Oscillations Everywhere 8. The Quantum: Oscillators Make Particles Notes References Index Reviews of this book: The range of things that measure time, from living creatures to atomic clocks, brackets Newton's intriguing narrative of time's connections, in the middle of which stands Galileo's famous discovery about pendulums...Science buffs will delight in the links Newton makes in this readable tour of how humanity marks time.--Gilbert Taylor, Booklist

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2. Record Nr.	UNINA9910162832803321
Titolo	Sport Policy Systems and Sport Federations : A Cross-National Perspective // edited by Jeroen Scheerder, Annick Willem, Elie Claes
Pubbl/distr/stampa	London : , : Palgrave Macmillan UK : , : Imprint : Palgrave Macmillan, , 2017
ISBN	9781137602220 1137602228
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (xvi, 334 p.)
Classificazione	28.16.28
Disciplina	306.48
Soggetti	Sports - Sociological aspects Sports sciences Sports - Economic aspects Sport Sociology Sport Science Sports Economics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Does it take two to tango? The position and power of national sport bodies compared to their public authorities; Jeroen Scheerder, Elie Claes and Annick Willem -- 2. Australia: Evolution and motivators of national sport policy; Camilla Brockett -- 3. Belgium: Flanders: Sport federations and governmental sport bodies; Elie Claes, Jeroen Scheerder, Annick Willem and Sandrine Billiet -- 4. Canada: An evolving sport system; Lucie Thibault -- 5. Denmark: The dissenting sports system in Europe; Bjarne Ibsen -- 6. Finland From steering to the evaluation of the effectiveness; Hanna Vehmas and Kalervo Ilmanen -- 7. France Organisation of sport and policy towards sport federations; Nicolas Scelles -- 8. Germany Autonomy, partnership and subsidiarity; Christoph Breuer and Tobias Nowy -- 9. Lithuania Organisation and governance of sport; Vilma Ingienė -- 10. The Netherlands How the interplay between federations and government helps build a sporting nation; Koen Breedveld and Remco Hoekman -- 11. Slovenia Towards the social configuration of sport system; Gregor Jurak -- 12. Spain

Putting the pieces of the sport system in place - The role of the sport federations; Ramón Llopis-Goig -- 13. Switzerland Organisation of sport and policy towards sport federations; Emmanuel Bayle -- 14. UK: England National Governing Bodies of Sport and government agencies; Vassil Girginov -- 15. Conclusion The role of sport policies and governmental support in the capacity building of sport federations; Annick Willem and Jeroen Scheerder .

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#### Sommario/riassunto

This book explores the organisation and structure of sport in and beyond Europe. Drawing upon up-to-date data, the collection's main focus lies on the relationship between public sport policy structures and sport (con)federations. The authors present thirteen country-specific contexts wherein sport policy systems are embedded. This evidence provides in-depth descriptions and analyses within a solid academic and theoretical framework. This volume will be of interest to students and scholars of Sociology of Sport, Sport Management and Sport Policy.

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