

1. Record Nr.	UNINA9910455179503321
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	0-674-04148-8
Descrizione fisica	1 online resource (166 p.)
Disciplina	529/.7
Soggetti	Time measurements Pendulum Electronic books.
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

2. Record Nr.	UNINA9910972652603321
Autore	Rau Petra
Titolo	English modernism, national identity and the Germans, 1890-1950 // by Petra Rau
Pubbl/distr/stampa	Farnham, England ; ; Burlington, VT, : Ashgate, 2009
ISBN	1-317-14302-7 1-315-57977-4 1-317-14301-9 1-282-29522-5 9786612295225 0-7546-9695-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (244 p.)
Collana	Nineteenth Century Series
Disciplina	820.9 820.9/355 820.935293109034 820.9'352931'09034-dc22 820.9355
Soggetti	English fiction - 20th century - History and criticism National characteristics, British, in literature English fiction - German influences Modernism (Literature) - Great Britain Germany Foreign public opinion, British Germany In literature
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	Cover; Contents; List of Figures; Acknowledgements; Introduction; 1 'A Sickening Suggestion of Common Guilt'German Renegades and English Heroes in Conrad's Fiction; 2 Forster's Accessible Foreignness Prussian Junkers versus 'German Cosmopolitans'; 3 Flirting with the Beastly HunImperial Anxiety and Modern Militarism in the Popular Fiction of Buchan, Le Queux and Saki; 4 Ford's 'Tricky German Fashion'Medical Modernity and Anglo-Saxon Pathology; 5 'Monster Men and Women'Woolf's Grotesque German Body and Lawrence's 'Bad' Modernity

6 'The Soldiers of Modernism' The Lure of Fascist Corporeality in Travel Writing and Fiction
7 'The Thinning of the Membrane Between the This and the That': Englishness and Espionage in Blitz Writing; Select Bibliography; Index

Sommario/riassunto

This is the first systematic analysis of the relationship between representations of 'Germanness' in modernist British literature, the construction of English identity and the negotiation of modernity. Major figures such as Conrad, Woolf and Ford are examined alongside popular or less-familiar writers such as Saki and Stevie Smith. Rau's book will be invaluable to scholars and will serve undergraduates working in modernism, literary history, and European cultural relations.
