

# *The Illustrated* Longitude

The True Story of a Lone Genius  
Who Solved the Greatest  
Scientific Problem  
of His Time



DAVA SOBEL  
& WILLIAM J H ANDREWES

# Longitude The True Story Of A Genius

**Dava Sobel, William J. H. Andrewes**



## **Longitude The True Story Of A Genius:**

**Longitude** Dava Sobel, 2007-11-05 Describes the forty year effort of John Harrison to invent the chronometer the first instrument able to keep accurate time for navigational purposes      **The Illustrated Longitude** Dava Sobel, William J. H. Andrewes, 1999 Longitude Dava Sobel's no 1 bestseller is the elegant biography of the lone genius who solved the greatest scientific problem of his times With new material from Dava Sobel and William Andrewes and illustrated with over 200 integrated photographs The Illustrated Longitude is the essential book for everyone who fell in love with John Harrison's story and wants to know more Anyone alive in the 18th century would have known that the longitude problem was the thorniest scientific dilemma of the day and had been for centuries Lacking the ability to measure their longitude sailors throughout the great ages of exploration had been literally lost at sea as soon as they lost sight of land The scientific establishment throughout Europe from Galileo to Sir Isaac Newton had mapped the heavens in its certain pursuit of a celestial answer In stark contrast one man John Harrison dared to imagine a mechanical solution The Illustrated Longitude is a fascinating history of astronomy navigation and clockmaking Lavishly produced with over 200 illustrations The Illustrated Longitude has much new material to help the reader learn more of John Harrison's extraordinary story and      **Longitude** Dava Sobel, 2007 Sobel presents the dramatic human story of an epic scientific quest and of John Harrison's 40 year obsession with building the perfect timekeeper known today as the chronometer      **Longitude** Dava Sobel, 2009-07-01

**A Global Earth in the Classroom** David Salomoni, 2024-03-11 This volume offers a scholarly examination of educational history highlighting the pivotal role of educational practices from the late medieval era to the early modern period It provides a dynamic forum for emerging academics in the field revealing fresh multifaceted perspectives on the educational methods of this era The work illuminates the sophisticated educational systems that shaped Renaissance Milan's merchants and the education of cantors in royal courts and cathedrals Spanning from Brazil to India it traces the extensive reach of Jesuit influence and reveals how their teachings fostered an early consciousness of a globally interconnected world in European education Contributors to this volume Bradley Blankemeyer Laura Madella Jessica Ottelli Federico Piseri David Salomoni and Carolina Vaz de Carvalho      **Seven Tales of the Pendulum** Gregory L. Baker, 2011-02-24 The pendulum is a unique physical system which exhibits remarkably varied and complex behavior under many different conditions Seven tales detailing different important facets of the pendulum show the exciting diversity of the science of the pendulum and its untold significance in the history of human intellectual development      **Teaching of Geography** M.h.siddiqui,      [Enchantment Of Urania, The: 25 Centuries Of Exploration Of The Sky](#) Massimo Capaccioli, 2024-03-19 Today we know much about the sky how stars are born how they live and die and how the universe as a whole evolves We have learned of the existence of another type of matter indifferent to light and yet decisive for the formation of galaxies and we have a hint of a dark energy that since the last 4.5 billion years has taken over the control of the cosmos We postulated and then discovered and even

photographed black holes and listened to the faint rustle of the space time ripple produced when these monsters devour each other We reached these astonishing results recognized by a bunch of Nobel Prizes and filling every day the media with wonders for the eyes and the mind by the marriage of physics and astronomy that unified the Earth with the sky and then by the leap forward of science and technology in the Twentieth Century This rich heritage has ancient roots It was built by accumulating discoveries with errors observations with fantasies myths and superstitions with flashes of genius over a span of millennia since Homo sapiens turning his eyes to the immutable and perfect sky began to ask questions The book is a narration of the answers to these questions that had evolved over time a progressive path inserted in the general history with some second thoughts and many obstacles This is a saga of men and machines where greatness sometimes mixes with misery and passion often borders on sacrifice and even martyrdom Why should we know it Because our current knowledge is the result of these efforts and of the preconceptions that accompanied them The challenge has been to present this complex and intricate subject without resorting to any formulas so that it can be accessible to a wide audience of curious people including high school and university students and in general all those who normally keep themselves informed of scientific things A rich bibliography has also been added in the appendix for those wishing to learn more on one or more topics

**Encyclopedia of Environment and Society** Paul Robbins, 2007-08-27 As befits the topic this beautifully packaged wonderfully illustrated interdisciplinary resource has more than 1200 entries written by specialists A helpful reader's guide groups topics like agriculture conservation and ecology movements and regulations politics pollution and society A resource guide chronology glossary and list of the UN's economic indicators complete the set Library Journal this important work gives a well focused snapshot of environmentalism in the early 21st Century and it will remain valuable into the future both for its content and as a yardstick to measure progress toward sustainability and conservation Summing Up Recommended Undergraduates and general readers CHOICE Booklist Editors Choice 2008 This superb interdisciplinary work should find a place on the shelves of every public and academic library that has the least bit of interest in environment issues which should mean just about all Booklist Starred Review Where does the environment leave off and society begin When expanding production and consumption drives greenhouse gas emissions that warm the planet which in turn influence the conditions of economic expansion it is unclear where the climate ends and the economy begins This fact is not new to our era however our social and natural sciences have only recently come to grips with the incredible complexity of the world described by understanding the environment and society as being of a piece As a result in the last decade there has been an unprecedented explosion of new concepts theories facts and techniques that follow from such an understanding The Encyclopedia of Environment and Society brings together multiplying issues concepts theories examples problems and policies with the goal of clearly explicating an emerging way of thinking about people and nature With more than 1 200 entries written by experts from incredibly diverse fields this innovative resource is a first step toward diving into the deep

pool of emerging knowledge The five volumes of this Encyclopedia represent more than a catalogue of terms Rather they capture the spirit of the moment a fascinating time when global warming and genetic engineering represent only two of the most obvious examples of socio environmental issues Key Features Examines many new ideas about how the world works what creates the daunting problems of our time and how such issues might be addressed whether by regulation markets or new ethics Demonstrates how theories of environmental management based on market efficiency may not be easily reconciled with those that focus on population and both may certainly diverge from those centering on ethics justice or labor Offers contributions from experts in their fields of specialty including geographers political scientists chemists anthropologists medical practitioners development experts and sociologists among many others Explores the emerging socio environmental problems that we face in the next century as well as the shifting and expanding theoretical tools available for tackling these problems Covers regions of North America in greater detail but also provides a comprehensive picture that approaches as effectively as possible a cohesive global vision Key Themes Agriculture Animals Biology and Chemistry Climate Conservation and Ecology Countries Geography History Movements and Regulations Organizations People Politics Pollution Society Packed with essential and up to date information on the state of the global socio environment the Encyclopedia of Environment and Society is a time capsule of its historic moment and a record of where we stand at the start of the 21st century making it a must have resource for any library These inspiring volumes provide an opportunity for more new ways of thinking behaving and living in a more than human world

**Navigational Enterprises in Europe and its Empires, 1730-1850** Rebekah Higgitt, Richard Dunn, 2016-02-19 This book explores the development of navigation in the eighteenth and nineteenth centuries It examines the role of men of science seamen and practitioners across Europe and the realities of navigational practice showing that old and new methods were complementary not exclusive their use dependent on many competing factors

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### **Longitude The True Story Of A Genius Introduction**

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