

1. Record Nr.	UNISA996388843003316
Autore	Littleton Edward <b. 1626.>
Titolo	Observations upon the warre of Hungary [[electronic resource]]
Pubbl/distr/stampa	London, : Printed, and are to be sold by Randall Taylor, 1689
Descrizione fisica	[8], 47 p
Soggetti	Austro-Turkish War, 1683-1699 Hungary History, Military
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Attributed to Edward Littleton, of All Souls'. Cf. Halkett & Laing. Reproduction of original in Huntington Library.
Sommario/riassunto	eebo-0113

2. Record Nr.	UNINA9910300426303321
Autore	Kuehn Kerry
Titolo	A Student's Guide Through the Great Physics Texts : Volume II: Space, Time and Motion / / by Kerry Kuehn
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2015
ISBN	1-4939-1366-2
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (XXVI, 380 p. 79 illus., 1 illus. in color.)
Collana	Undergraduate Lecture Notes in Physics, , 2192-4791
Disciplina	523.01
Soggetti	Physics Philosophy and science Science - Study and teaching Cosmology History and Philosophical Foundations of Physics Philosophy of Science Science Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Note from the prefaces in the first and second volumes: "This four-volume book grew from a four-semester general physics curriculum which I developed and taught for the past decade to undergraduate students at Wisconsin Lutheran College in Milwaukee."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Scaling in Art and Nature -- The Coherence of Substances -- Archimedes' Principle and Falling Bodies -- Falling Bodies and Pendular Motion -- Pendular Motion and Harmony -- The Law of the Lever -- Beams, Bones and Giants -- Naturally Accelerated Motion -- The Mean Speed Theorem -- Equilibrium, Force and Acceleration -- From Conic Sections to Projectile Motion -- The Speed and Force of a Projectile -- Reason, Authority and Science -- Pascal's Principle -- Submerged Bodies -- Syringes, Siphons and Suckling Infants -- Life Under a Sea of Air -- Does Nature Abhor a Vacuum? -- Mass, Momentum and Force -- Absolute and Relative Motion -- Newton's Laws of Motion -- Conservation of Momentum -- The Third Law and the Power of Machines -- Centripetal Force and Acceleration -- Newton's Rules of Reasoning -- Planetary Motion -- Universal Gravitation -- Hypothesis and Natural Theology -- The Principle of Relativity -- The Absolute

Sommario/riassunto

This book provides a chronological introduction to the science of motion and rest based on the reading and analysis of significant portions of Galileo's Dialogues Concerning Two New Sciences, Pascal's Treatise on the Equilibrium of Fluids and the Weight of the Mass of Air, Newton's Mathematical Principles of Natural Philosophy, and Einstein's Relativity. Each chapter begins with a short introduction followed by a reading selection. Carefully crafted study questions draw out key points in the text and focus the reader's attention on the author's methods, analysis and conclusions. Numerical and laboratory exercises at the end of each chapter test the reader's ability to understand and apply key concepts from the text. Space, Time and Motion is the second of four volumes in A Student's Guide through the Great Physics Texts. This book grew out of a four-semester undergraduate physics curriculum designed to encourage a critical and circumspect approach to natural science, while at the same time preparing students for advanced coursework in physics. This book is particularly suitable as a college-level textbook for students of the natural sciences, history or philosophy. It also serves as a textbook for advanced high-school students, or as a thematically-organized source-book for scholars and motivated lay-readers. In studying the classic scientific texts included herein, the reader will be drawn toward a lifetime of contemplation.