1. Record Nr. UNINA9910160670003321

Autore	Heywood John <1930-, >
Titolo	The human side of engineering / / John Heywood ; foreword by Mani Mina
Pubbl/distr/stampa	[San Rafael, California] : , : Morgan & Claypool, , 2017
ISBN	1-62705-665-3
Descrizione fisica	1 online resource (168 pages)
Collana	Synthesis lectures on engineering, , 1939-523X ; ; # 28
Disciplina	620.0023
Soggetti	Engineering - Social aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Part of: Synthesis digital library of engineering and computer science.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	It all depends on what you mean by... -- Thinking about thinking -- Things are not always what they seem -- Meaning: true or false: real or imagined -- From perception to self-perception and a little management en-route -- Sharing problems: living in communities -- Thinking about making a good engineer possible -- Aspiration in engineering -- Preparing for the future: individuals and organizations -- Changing us: changing society -- Journey's end: a new beginning? -- Questioning our assumptions: adaptability and change -- Author's biography -- Author index -- Subject index.
Sommario/riassunto	While in many university courses attention is given to the human side, as opposed to the technical side of engineering, it is by and large an afterthought. Engineering is, however, a technical, social, and personal activity. Several studies show that engineering is a community activity of professionals in which communication is central to the engineering task. Increasingly, technology impacts everyone in society. Acting as a professional community, engineers have an awesome power to influence society but they can only act for the common good if they understand the nature of our society. To achieve such understanding they have to understand themselves. This book is about understanding ourselves in order to understand others, and understanding others in order to understand ourselves in the context of engineering and the society it serves. To achieve this understanding this book takes the reader on 12 intellectual journeys that frame the big questions confronting the engineering professions.

2.

Record Nr.	UNINA9910779339303321
Autore	Buchwald Jed Z
Titolo	Newton and the origin of civilization [[electronic resource] /] / Jed Z. Buchwald & Mordechai Feingold
Pubbl/distr/stampa	Princeton, : Princeton University Press, c2013
ISBN	1-283-85127-X 1-4008-4518-1
Edizione	[Course Book]
Descrizione fisica	1 online resource (545 p.)
Altri autori (Persone)	FeingoldMordechai
Disciplina	530.092
Soggetti	Scientists - England Philosophers - England Chronology, Historical - History - 17th century Civilization, Ancient - Philosophy Public opinion - Europe - History - 17th century Europe Intellectual life 17th century
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	Troubled Senses -- Troubled Numbers -- Erudition and Chronology in Seventeenth-Century England -- Isaac Newton on Prophecies and Idolatry -- Aberrant Numbers : The Propagation of Mankind before and after the Deluge -- Newtonian History -- Text and Testimony -- Interpreting Words -- Publication and Reaction -- The War on Newton in England -- The War on Newton in France -- The Demise of Chronology -- Evidence and History -- Appendix A: Signs, Conventions, Dating, and Definitions -- Appendix B: Newton's Computational Methods -- Appendix C: Commented Extracts from Newton's MS Calculations -- Appendix D: Placing Colures on the Original Star Globe -- Appendix E: Hesiod, Thales, and Stellar Risings and Settings.
Sommario/riassunto	Isaac Newton's Chronology of Ancient Kingdoms Amended, published in 1728, one year after the great man's death, unleashed a storm of controversy. And for good reason. The book presents a drastically revised timeline for ancient civilizations, contracting Greek history by five hundred years and Egypt's by a millennium. Newton and the Origin

	of Civilization tells the story of how one of the most celebrated figures in the history of mathematics, optics, and mechanics came to apply his unique ways of thinking to problems of history, theology, and mythology, and of how his radical ideas produced an uproar that reverberated in Europe's learned circles throughout the eighteenth century and beyond. Jed Buchwald and Mordechai Feingold reveal the manner in which Newton strove for nearly half a century to rectify universal history by reading ancient texts through the lens of astronomy, and to create a tight theoretical system for interpreting the evolution of civilization on the basis of population dynamics. It was during Newton's earliest years at Cambridge that he developed the core of his singular method for generating and working with trustworthy knowledge, which he applied to his study of the past with the same rigor he brought to his work in physics and mathematics. Drawing extensively on Newton's unpublished papers and a host of other primary sources, Buchwald and Feingold reconcile Isaac Newton the rational scientist with Newton the natural philosopher, alchemist, theologian, and chronologist of ancient history.

3.	Record Nr.	UNINA9910797651003321
	Autore	Dewhurst Peter
	Titolo	The science of the perfect swing / / Peter Dewhurst
	Pubbl/distr/stampa	Oxford ; ; New York, NY : , : Oxford University Press, , 2015 ©2015
	ISBN	0-19-938221-2 0-19-938220-4
	Descrizione fisica	1 online resource (289 p.)
	Disciplina	796.35201/5316
	Soggetti	Physics Golf Force and energy
	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	Ball flight -- Modeling the club face ball interaction -- The science of generating ball spin -- Analysis and formulation of rules for curved ball flight -- A general model of driver impact and ball flight -- Putting.