

1. Record Nr.	UNISA990000079910203316
Autore	WEST, Terry R.
Titolo	Geology applied to engineering / Terry R. West
Pubbl/distr/stampa	Englewood Cliffs (N.J) : Prentice Hall, copyr. 1995
ISBN	0-02-425881-4
Descrizione fisica	XIII, 560 p. : ill. ; 26 cm.
Disciplina	550.24624
Collocazione	550.246 24 WES
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910463122703321
Autore	Schiffer Michael B
Titolo	Draw the lightning down [[electronic resource]] : Benjamin Franklin and electrical technology in the Age of Enlightenment / / Michael Brian Schiffer, with the assistance of Kacy L. Hollenback and Carrie L. Bell
Pubbl/distr/stampa	Berkeley, : University of California Press, c2003
ISBN	1-59734-584-9 0-520-93985-9 9786612358531 1-282-35853-7
Descrizione fisica	1 online resource (399 p.)
Altri autori (Persone)	HollenbackKacy L BellCarrie L
Disciplina	621.3/0973/09033
Soggetti	Electrical engineering - History - 18th century Electricity - History - 18th century Enlightenment Electronic books.
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 (p. 333-364) and index.
Nota di contenuto	Front matter -- Contents -- Figures -- Preface -- 1. The Franklin Phenomenon -- 2. In the Beginning -- 3. A Coming of Age -- 4. Going Public -- 5. Power to the People -- 6. Life and Death -- 7. First, Do No Harm -- 8. An Electrical World -- 9. Property Protectors -- 10. A New Alchemy -- 11. Visionary Inventors -- 12. Technology Transfer: A Behavioral Framework -- Notes -- References Cited -- Index
Sommario/riassunto	Most of us know-at least we've heard-that Benjamin Franklin conducted some kind of electrical experiment with a kite. What few of us realize-and what this book makes powerfully clear-is that Franklin played a major role in laying the foundations of modern electrical science and technology. This fast-paced book, rich with historical details and anecdotes, brings to life Franklin, the large international network of scientists and inventors in which he played a key role, and their amazing inventions. We learn what these early electrical devices-from lights and motors to musical and medical instruments-looked like, how they worked, and what their utilitarian and symbolic meanings were for those who invented and used them. Against the fascinating panorama of life in the eighteenth century, Michael Brian Schiffer tells the story of the very beginnings of our modern electrical world. The earliest electrical technologies were conceived in the laboratory apparatus of physicists; because of their surprising and diverse effects, however, these technologies rapidly made their way into many other communities and activities. Schiffer conducts us from community to community, showing how these technologies worked as they were put to use in public lectures, revolutionary experiments in chemistry and biology, and medical therapy. This story brings to light the arcane and long-forgotten inventions that made way for many modern technologies-including lightning rods (Franklin's invention), cardiac stimulation, xerography, and the internal combustion engine-and richly conveys the complex relationships among science, technology, and culture.