

1. Record Nr.	UNINA9910970088503321
Autore	James I. M (Ioan Mackenzie), <1928->
Titolo	Remarkable physicists : from Galileo to Yukawa / / by Ioan James
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2004
ISBN	1-107-14487-6 1-280-44918-7 9786610449187 0-511-18410-7 0-511-16562-5 0-511-16369-X 0-511-31263-6 0-511-53534-1 0-511-16449-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xv, 389 pages) : digital, PDF file(s)
Disciplina	530.0922
Soggetti	Physicists Physics - History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references (p. [379]-386) and index.
Nota di contenuto	1: FROM GALILEO TO DAVID BERNOULLI: Galileo Galilei (1564-1642) -- Johannes Kepler (1571-1630) -- Christiaan Huygens (1629-1695) -- Isaac Newton (1642-1726) -- Daniel Bernoulli (1700-1782) -- 2: FROM FRANKLIN TO LAPLACE: Benjamin Franklin (1706-1790) -- Roger Joseph Boscovich (1711-1787) -- Henry Cavendish (1731-1810) -- Charles Augustin Coulomb (1736-1806) -- Pierre-Simon Laplace (1749-1827) -- 3: FROM RUMFORD TO OERSTED: Sir Benjamin Thompson (Count Rumford)(1753-1814) -- Jean-Baptiste Fourier (1768-1830) -- Thomas Young (1773-1829) -- Andre-Marie Ampere (1775-1836) -- Hans Christian Oersted (1777-1851) -- 4: FROM OHM TO HELMHOLTZ: Georg Ohm (1789-1854) -- Michael Faraday (1791-1867) -- George Green (1793-1841) -- Joseph Henry (1797-1878) -- Hermann von Helmholtz (1821-1894) -- 5: FROM KELVIN TO BOLTZMANN: William Thomson (Lord Kelvin of Largs)(1824-1907) --

James Clark Maxwell (1831-1879) -- J. Willard Gibbs (1839-1903) -- John William Strutt (Lord Rayleigh)(1842-1919) -- Ludwig Boltzmann (1844-1906) -- 6: FROM RONTGEN TO MARIE CURIE: Wilhelm Conrad Rontgen (1845-1923) -- Joseph John Thomson (1856-1940) -- Max Planck (1858-1947) -- William Henry Bragg (1862-1942) -- Marie Curie (1867-1934) -- 7: FROM MILLIKAN TO EINSTEIN: Robert Millikan (1868-1953) -- Ernest Rutherford (Lord Rutherford)(1871-1937) -- Lise Meitner 1878-1968) -- Otto Hahn (1879-1968) -- Albert Einstein (1879-1955) -- 8: FROM EHRENFEST TO SCHRODINGER: Paul Ehrenfest (1880-1933) -- Max Born (1882-1970) -- Niels Bohr (1885-1962) -- Frederick Lindemann (Lord Cherwell) (1886-1957) -- Erwin Schrodinger (1887-1961) -- 9: FROM DE BROGLIE TO FERMI: Louis de Broglie (1892-1987) -- Satyendranath Bose (1894-1974) -- Piotr Leonidovich Kapitza (1894-1984) -- Jean-Frederic Joliot (1900-1958) -- Enrico Fermi (1901-1954) -- 10: FROM HEISENBERG TO YUKAWA: Werner Heisenberg (1901-1976) -- Paul Dirac (1902-1984) -- J. Robert Oppenheimer (1904-1967) -- Maria Goeppert-Mayer (1906-1973) -- Hideki Yukawa (1907-1981).

Sommario/riassunto

The 250 years from the second half of the 17th century saw the birth of modern physics and its growth into one of the most successful of the sciences. The reader will find here the lives of 55 of the most remarkable physicists from that era described in brief biographies. All the characters profiled have made important contributions to physics, either through their ideas, through their teaching or in other ways. The emphasis is on their varied life-stories, not on the details of their achievements, but when read in sequence the biographies, which are organised chronologically, convey in human terms something of the way in which physics was created. Scientific and mathematical detail is kept to a minimum, so the reader who is interested in physics, but perhaps lacks the background to follow technical accounts, will find this collection an inviting and easy path through the subject's modern development.
