

1. Record Nr.	UNINA9910785067603321
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Titolo	Absolutely small [[electronic resource]] : how quantum theory explains our everyday world / / Michael D. Fayer
Pubbl/distr/stampa	New York, : AMACOM, c2010
ISBN	1-282-65778-X 9786612657788 0-8144-1491-5
Descrizione fisica	1 online resource (396 p.)
Disciplina	530.12
Soggetti	Quantum theory Quantum chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Schrodinger's cat -- Size is absolute -- Some things about waves -- The photoelectric effect and Einstein's explanation -- Light: waves or particles? -- How big is a photon and the Heisenberg uncertainty principle -- Photons, electrons, and baseballs -- Quantum racquetball and the color of fruit -- The hydrogen atom: the history -- The hydrogen atom: quantum theory -- Many electron atoms and the periodic table of elements -- The hydrogen molecule and the covalent bond -- What holds atoms together - diatomic molecules -- Bigger molecules: the shapes of polyatomic molecules -- Beer and soap -- Fat, it's all about the double bonds -- Green house gases -- Aromatic molecules -- Metals, insulators, and semiconductors -- Think quantum.