

1. Record Nr.	UNINA9910455489603321
Autore	Kaku Michio
Titolo	Visions [[electronic resource] ] : how science will revolutionize the twenty-first century
Pubbl/distr/stampa	Oxford, : Oxford University Press, 2007, c1998
ISBN	1-280-59451-9 9786613624345 0-19-158622-6 0-585-24488-X
Descrizione fisica	1 online resource (416 p.)
Disciplina	501.12 501/.12
Soggetti	Science - Forecasting Technological forecasting Twenty-first century 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 and index.
Nota di contenuto	Cover; Contents; Preface; PART ONE: VISIONS; CHAPTER 1 Choreographers of Matter, Life, and Intelligence; PART TWO: THE COMPUTER REVOLUTION; CHAPTER 2 The Invisible Computer; CHAPTER 3 The Intelligent Planet; CHAPTER 4 Machines That Think; CHAPTER 5 Beyond Silicon: Cyborgs and the Ultimate Computer; CHAPTER 6 Second Thoughts: Will Humans Become Obsolete?; PART THREE: THE BIOMOLECULAR REVOLUTION; CHAPTER 7 Personal DNA Codes; CHAPTER 8 Conquering Cancer-Fixing Our Genes; CHAPTER 9 Molecular Medicine and the Mind/Body Link; CHAPTER 10 To Live Forever? CHAPTER 11 Playing God: Designer Children and Clones CHAPTER 12 Second Thoughts: The Genetics of a Brave New World?; PART FOUR: THE QUANTUM REVOLUTION; CHAPTER 13 The Quantum Future; CHAPTER 14 To Reach for the Stars; CHAPTER 15 Toward a Planetary: Civilization; CHAPTER 16 Masters of Space and Time; Notes; Recommended Reading; Index; A; B; C; D; E; F; G; H; I; J; K; L; M; N; O; P; Q; R; S; T; U;

V; W; X; Y; Z

---

Sommario/riassunto

New in paperback, from the bestselling author of *Hyperspace*, this spellbinding book brings together the cutting-edge research of today's foremost scientists to explore the science of tomorrow. Michio Kaku describes the development of computers and artificial intelligence, reveals how the decoding of the genetic structure of DNA will allow us to alter and reshape our genetic inheritance, and observes how quantum physicists are perfecting new ways of harnessing the matter and energy of the Universe. *Visions* is an exhilarating adventure into the future of our planet and ourselves.

---