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Nota di contenuto	An evening in May -- A brief history of cosmology -- The Big Bang -- The Visible Universe -- Dark matter -- Cosmic backgrounds -- Clues from Nearby Galaxies (astronomical fossils) -- Structure formation -- A map of the universe -- The First Stars and Galaxies -- The great time machines; A New Generation of Telescopes -- Exploring the Universe from Space with the next Hubble telescope.
Sommario/riassunto	The visible universe consists of stars and galaxies. One of the challenges of astronomy is to understand how galaxies and stars first came into existence over thirteen billion years ago. This book tells the story of our quest to solve this problem. Four hundred years after Galileo used his telescope to discover the moons of Jupiter, we are using new telescopes and instruments to search for the first galaxies to form after the Big Bang. This book brings the reader to the current frontier of this subject and lays out some of the exciting developments we can expect in the years to come.