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Nota di contenuto	Solar polar imager : observing solar activity from a new perspective / P. C. Liewer ... [et al.] -- Titan Explorer : the next step in the exploration of a mysterious world / Joel S. Levine and Henry S. Wright -- A Neptune orbiter with probes mission with aerocapture orbit insertion / Andrew P. Ingersoll, Thomas R. Spilker -- Neptune orbiter, probe, and Triton lander mission / Bernard Bienstock ... [et al.] -- Leaving the heliosphere : a nuclear-powered interstellar probe / T.H. Zurbuchen ... [et al.] -- The stellar image / Kenneth G. Carpenter, Carolus J. Schrijver, Margarita Karovska -- The modern universe space telescope / James C. Green, Dennis Ebbetts -- The single aperture for infrared observatory / The SAFIR Consortium -- A kilometer-baseline far-infrared/submillimeter interferometer in space / The SPECS Consortium -- Generation-X vision mission / Roger J. Brissenden ... [et al.] -- The advanced Compton telescope mission / The ACT Consortium -- Vision mission technology / Stephen L. Prusha.
Sommario/riassunto	Loaded with ideas that take your breath away, this collection of possible future missions includes such techniques as solar sails, remote sensing instruments on Saturn, nuclear electric propulsion, magnetic activity measurement devices and a telescope designed to find and analyze the chemical history of earth and other structures. Clearly cognizant of technology investment planning, the contributors of these 12 essays nevertheless describe their biggest and most ambitious ideas, from the Solar Polar Imager to the Titan Explorer (for

Saturn's moon Titan), Neptune Orbiter (probing and landing on Neptune) a nuclear-powered interstellar probe that will leave the heliosphere, the Stellar Imager (stars), the Modern Universe Space Telescope, the single aperture far infrared observatory, a kilometer-baseline far-infrared/submillimeter interferometer in space, the Generation-X vision mission, and the advanced Compton Telescope mission. Investors and dreamers, take note.