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Nota di contenuto	Intro -- Communication with Extraterrestrial Intelligence -- Contents -- Preface -- Foreword -- Acknowledgments -- Part I. Latest Advances in the Search for Extraterrestrial Intelligence (SETI) -- Exoplanets, Extremophiles, and the Search for Extraterrestrial Intelligence -- Current and Nascent SETI Instruments in the Radio and Optical -- Candidate Identification and Interference Removal in SETI@home -- A New Class of SETI Beacons That Contain Information -- Getting the World Actively Involved in SETI Searches -- The Effects of the Ionized Interstellar Medium on Broadband Signals of Extraterrestrial Origin -- The Next Steps in SETI-ITALIA Science and Technology -- Project SAZANKA: Multisite and Multifrequency Simultaneous SETI Observations in Japan -- Harvard's Advanced All-sky Optical SETI -- The OZ OSETI Project -- The New Telescope/Photometer Optical SETI Project of SETI Institute and the Lick Observatory -- Large-Scale Use of Solar Power May Be Visible across Interstellar Distances -- Interstellar Radio Links Enabled by Gravitational Lenses of the Sun and Stars -- Cost Analysis of Space Exploration for an Extraterrestrial Civilization -- Understanding the Search Space for SETI -- Part II. Active SETI: Should We Transmit? -- Unpacking the Great Transmission Debate --

Integrating Active and Passive SETI Programs -- Building and Searching for Cost-Optimized Interstellar Beacons -- Seeking Contact -- Pragmatism, Cosmocentrism, and Proportional Consultation for Communication with Extraterrestrial Intelligence -- SETI and International Radio Law -- What the World Needs Now -- Limits on Interstellar Messages -- Communication among Interstellar Intelligent Species -- The Chemiosmosis Message -- A Proposal for an Interstellar Rosetta Stone -- Processes in Lingua Cosmica -- Testing SETI Message Designs -- The DISC Quotient.
On the Universality of Human Mathematics -- Cognitive Foundations of Interstellar Communication -- Culture, Meaning, and Interstellar Message Construction.

Sommario/riassunto

Highlights the most recent developments in the Search for Extraterrestrial Intelligence (SETI), and advocates a diverse range of approaches to make SETI increasingly more powerful and effective in the years to come.
