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| Nota di contenuto | Intro -- A Note on the Text -- Introduction -- The Conversation -- I. Debating Exceptionalism -- II. In Praise of Rebels -- III. Against Reductionism -- IV. Foundational Issues -- V. Current Mysteries -- VI. The Origin of Life -- VII. Space Travel -- VIII. Science and Society -- IX. Religion -- X. Final Thoughts -- Continuing the Conversation. |
| Sommario/riassunto | This book is based on an in-depth filmed conversation between Howard Burton and former mathematical physicist and writer Freeman Dyson, who was one of the most celebrated polymaths of our age. Freeman Dyson had his academic home for more than 60 years at the Institute for Advanced Study in Princeton. He has reshaped thinking in fields from math to astrophysics to medicine, while pondering nuclear-propelled spaceships designed to transport human colonists to distant planets. During this wide-ranging conversation Freeman looks back on his simultaneously transformative careers in theoretical physics, mathematics, biology, rocket ship design, nuclear disarmament and writing. This carefully-edited book includes an introduction, Pure and Applied, and questions for discussion at the end of each chapter. Howard Burton was the Founding Director of Canada's Perimeter Institute for Theoretical Physics. He holds a PhD in theoretical physics and an MA in philosophy. This book is part of an expanding series of 100+ Ideas Roadshow conversations, each one presenting a wealth of candid insights from a leading expert in a focused yet informal setting to provide a uniquely accessible window into frontline research and |

scholarship that wouldn't otherwise be encountered through standard lectures and textbooks.
