

1. Record Nr.	UNINA9910554211103321
Autore	Elvis Martin
Titolo	Asteroids : how love, fear, and greed will determine our future in space // Martin Elvis
Pubbl/distr/stampa	New Haven ; ; London : , : Yale University Press , , [2021] ©2021
ISBN	0-300-25838-0
Descrizione fisica	1 online resource (288 p.) : 25 b-w illus
Disciplina	523.44
Soggetti	Asteroids
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Frontmatter -- Contents -- Preface -- Acknowledgments -- A Note on the Text -- Introduction: Why Boldly Go? -- Part I. The Scene -- 1. Asteroids: A Primer -- Part II. Motive -- 2. Love -- 3. Fear -- 4. Greed -- Part III. Means -- 5. Love: Doing Science with Asteroids -- 6. Fear: How to Handle the Asteroid Threat -- 7. Greed: Asteroid Prospecting -- Part IV. Opportunity -- 8. Getting Space off the Ground -- 9. Making Space Safe for Capitalism -- 10. In the Long Run -- Notes -- Illustration Credits -- Index
Sommario/riassunto	A unique, wide-ranging examination of asteroid exploration and our future in space Human travel into space is an enormously expensive and unforgiving endeavor. So why go? In this accessible and authoritative book, astrophysicist Martin Elvis argues that the answer is the asteroid exploration, for the strong motives of love, fear, and greed. Elvis's personal motivation is one of scientific love—asteroid investigations may teach us about the composition of the solar system and the origins of life. A more compelling reason may be fear—of a dinosaur killer-sized asteroid hitting our planet. Finally, Elvis maintains, we should consider greed: asteroids likely hold vast riches, such as large platinum deposits, and mining them could provide both a new industry and a funding source for bolder space exploration. Elvis explains how each motive can be satisfied, and how they help one another. From the origins of life, to “space billiards,” and space sports, Elvis looks at how asteroids may be used in the not-so-distant future.

