

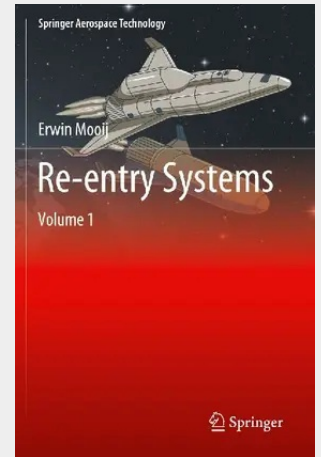
Re-entry Systems

This book explains and describes re-entry systems for both the Earth and other planets. It provides sufficient information for readers to perform entry mission analysis for different bodies in the Solar System. Not only does it discuss re-entry flight mechanics, but also addresses relevant subsystems and fields, enabling readers to put the information into perspective.

The book begins with a complete description of planetary environments, including atmosphere, gravity fields and the shape of the primary body. After a detailed discussion of planar flight mechanics, it then moves on to discuss guidance, navigation, and control, entry, descent, and landing systems, as well as thermal protection systems. It uses examples throughout the text, enabling the theory to be linked to practical applications.

Ideal for those wanting an updated, thorough discussion of re-entry systems, this book is suitable for students and researchers.

This book explains and describes re-entry systems for both the Earth and other planets. It provides sufficient information for readers to perform entry mission analysis for different bodies in the Solar System. Not only does it discuss re-entry flight mechanics, but also addresses relevant subsystems and fields, enabling readers to put the information into perspective. The book begins with a complete description of planetary environments, including atmosphere, gravity fields and the shape of the primary body. After a detailed discussion of planar flight mechanics, it then moves on to discuss guidance, navigation, and control, entry, descent, and landing systems, as well as thermal protection systems. It uses examples throughout the text, enabling the theory to be linked to practical applications. Ideal for those wanting an updated, thorough discussion of re-entry systems, this book is suitable for students and researchers.

**139,09 €**

129,99 € (zzgl. MwSt.)

*Lieferfrist: bis zu 10 Tage***Artikelnummer:** 9783031621765**Medium:** Buch**ISBN:** 978-3-031-62176-5**Verlag:** Springer**Erscheinungstermin:** 26.12.2025**Sprache(n):** Englisch**Auflage:** Erscheinungsjahr 2025**Serie:** Springer Aerospace Technology**Produktform:** Kartoniert**Gewicht:** 2635 g**Seiten:** 1552**Format (B x H):** 155 x 235 mm