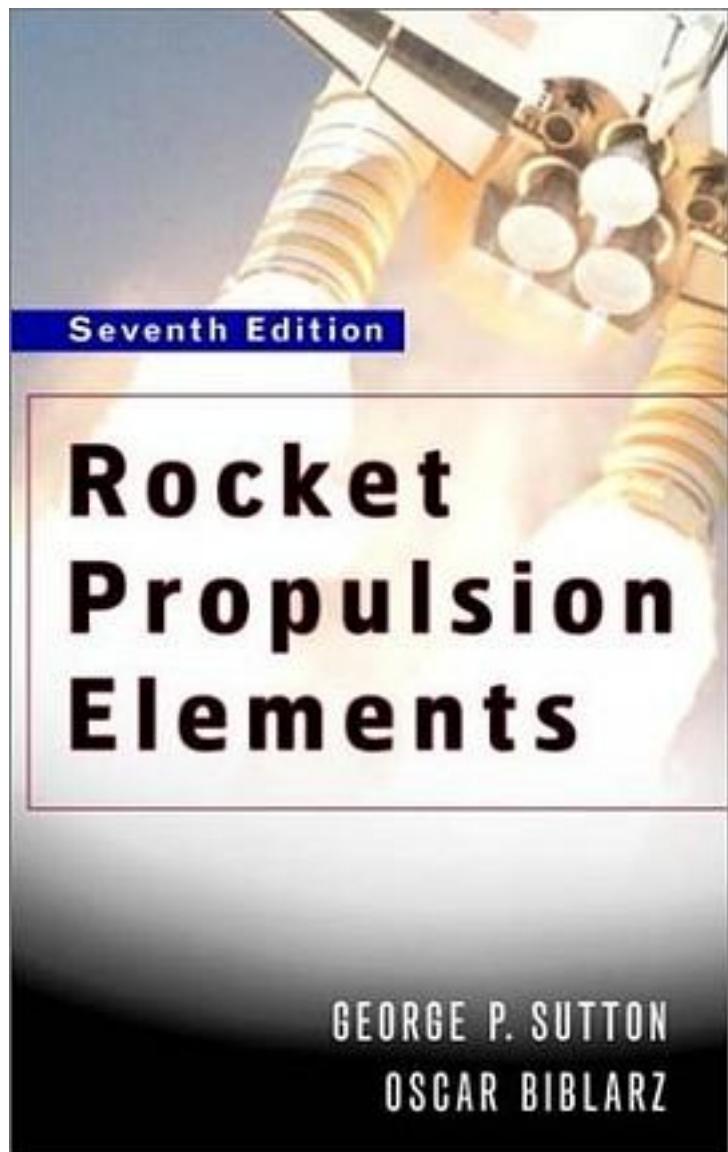


Rocket Propulsion Elements, 7th Edition



[Rocket Propulsion Elements, 7th Edition_下载链接1](#)

著者:George P. Sutton

出版者:John Wiley & Sons

出版时间:2000-12-29

装帧:Hardcover

isbn:9780471326427

Aerospace Engineering/Mechanical Engineering

The definitive text on rocket propulsion-now completely revised to reflect rapid advancements in the field

For more than fifty years, this seminal text has been regarded as the single most authoritative sourcebook on rocket propulsion technology. More comprehensive and coherently organized than any other book on the subject, *Rocket Propulsion Elements* guides readers evenhandedly through the complex factors that shape propulsion, with both theory and practical design considerations.

With more than a third of the text and illustrations either completely new or extensively revised, this latest edition includes current information on engine structures, nozzle theory, gas properties, thrust chambers, launch vehicles, and more. With a detailed table of contents breaking down each chapter into subsections-as well as an expanded index of key words-the Seventh Edition efficiently steers readers quickly to the information they need. Other highlights include:

- * Separate chapters on liquid, solid, and hybrid propulsion systems and a new chapter on thrust chambers including the new aerospike nozzle
- * Comprehensive coverage of rocket propulsion technology, with applications to space flight, satellite flight, and guided and unguided missiles
- * Problem-solving examples and exercises relevant to actual design situations
- * More than 340 illustrations, including photographs, tables, and graphs
- * Coherent, up-to-date chapter on electrical propulsion balancing fundamentals with practical aspects and applications

For professional engineers in the aerospace and defense industries as well as undergraduate and graduate students in mechanical and aerospace engineering, this time-honored resource is indispensable for its scope of coverage and utility.

作者介绍:

目录:

[Rocket Propulsion Elements, 7th Edition_下载链接1](#)

标签

火箭

engine

rocket

物理学

工程

textbook

propulsion

评论

[Rocket Propulsion Elements, 7th Edition 下载链接1](#)

书评

[Rocket Propulsion Elements, 7th Edition 下载链接1](#)