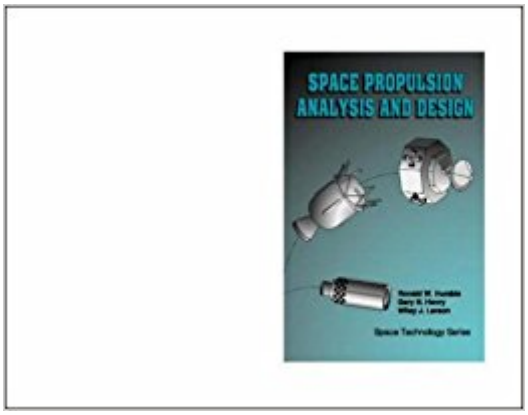
Space Propulsion Analysis And Design



Synopsis

The only comprehensive text available on space propulsion for students and professionals in astronautics.

Book Information

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Customer Reviews

I’m working in the Aerospace industry and for me there are only two books on the subject that I use for unclassified reference litterature - this book and "Rocket Propulsion Elements" by C. Sutton.This book covers almost everything on the preliminary design level of a rocket propulsion system. Except for the typing errors this book is perfect. And I can surely recommend it for students as well as professionals.

This book is excellent for Aerospace Engineering students and engineers alike. Contains plenty of graphs, tables, and "back-of-the-napkin" equations.I wouldn’t recommend this so much as a "learning the concepts" text book,as it doesnt always explain the data it is present very well. However for those already familiar with the topics covered it provides excellent reference.

This book is THE definitive work on rocket and space propulsion. Unlike any other textbook on the subject, this text permits you to start with a blank sheet of paper and literally design a propulsion system from the ground up that meets user requirements. You can then assess the overall system performance. Highly recommended. If you are going to purchase any book on this topic - I

recommend you start with this one!

Il testo analizza tutti i motori per la propulsione spaziale; a propellente liquido (bi e mono), solido, ibrido, a gas freddo, nucleare ed elettrico.Una parte ÃƒÂ¨ dedicata anche all'apetto della missione orbitale e per la specifica missione anche quale tipo di propulsiore impiegare.Per quando riguarda la tematica strettamente motoristica vengono presi in considerazione le problematiche di carattere progettuale senza perÃƒÂ entrare nei particolare.Il libro si conferma cosÃƒÂ¬ "un buon punto di partenza". Personalmente lo consiglio a tutti quelli che volessero "iniziare a saperne di piÃƒÂ ". La "matematica" dei calcoli NON ÃƒÂ¨ a livello "universitario", e la lettura ÃƒÂ¨ molto scorrevole.Un'attenzione particolare va rivolta alla bibliografia, dove vengono citati report tecnici della NASA reperibili anche in rete.

Propulsion (Addison-Wesley Series in Aerospace Science) Aerothermodynamics of Gas Turbine and Rocket Propulsion