Spacecraft Structures

Synopsis

Space flight is a comprehensive and innovative part of technology. It encompasses many fields of technology. This monograph presents a cross section of the total field of expertise that is called "space flight". It provides an optimal reference with insight into the design, construction and analysis aspects of spacecraft. The emphasis of this book is put on unmanned space flight, particularly on the construction of spacecraft rather than the construction of launch vehicles.

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Customer Reviews

Space flight is a comprehensive and innovative part of technology. It encompasses many fields of technology. This monograph presents a cross section of the total field of expertise that is called "space flight". It provides insight into the design, construction and analysis aspects of spacecraft. Spacecraft includes satellites as well as launch vehicles, with a distinction between manned or unmanned. The International Space Station (ISS), Russian MIR, the American shuttle and the European Spacelab are examples of manned space flight, whereas communication satellites for radio and television and meteorological satellites are examples of unmanned space flight. The Emphasis of this book is put on unmanned space flight, particularly on the construction of spacecraft rather than the construction of launch vehicles. The nature of the satellite is dependent on the task that is set for that satellite.

Great book! Covers what it claims. Reads simple and straight forward without any needless flowery wording to confuse the topic. This book is for Engineers. Be sure to brush up on your differential equations, vibrations, linear systems, beam calcs... A solutions set for the exercises would a nice addition...

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