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of teaching an introductory course in orbital mechanics for aerospace engineering students. These undergraduate students had no prior formal experience in the subject, but had completed courses in physics, dynamics and mathematics through differential equations and applied linear algebra. That is the background I have presumed for readers of this book.

ORBITAL MECHANICS FOR ENGINEERING STUDENTS

Orbital Mechanics For Engineering Students Aerospace Engineering by Howard D. Curtis Ph.D. Purdue

Orbital Mechanics For Engineering Students Aerospace ...

Orbital Mechanics for Engineering Students is an aerospace engineering textbook by Howard D. Curtis, in its third edition as of 2013. The book provides an introduction to orbital mechanics, while assuming an undergraduate-level background in physics, rigid body dynamics, differential equations, and linear algebra.

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Orbital mechanics is a cornerstone subject for aerospace engineering students. However, with its basis in classical physics and mechanics, it can be a difficult and weighty subject.

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Orbital mechanics is a cornerstone subject for aerospace engineering students. Maintaining the focus of the first edition, the author provides the foundation needed to understand the subject and proceed to advanced topics.

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