

## Fundamentals Of Spacecraft Attitude Determination And Control

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### Fundamentals Of Spacecraft Attitude Determination

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### Attitude Estimation And Control Of Manoeuvring Spacecraft

Attitude control is the process of controlling the orientation of an aerospace vehicle with respect to an inertial frame of reference or another entity such as the celestial sphere, certain fields, and nearby objects, etc. . Controlling vehicle attitude requires sensors to measure vehicle orientation, actuators to apply the torques needed to orient the vehicle to a desired attitude, and ...

### Attitude control - Wikipedia

F. Landis Markley and John L. Crassidis Fundamentals of Spacecraft Attitude Determination and Controlprovides the fundamental concepts and mathematical basis for spacecraft attitude determination and control. It is intended to serve as both a textbook for undergraduate and graduate students and as a reference guide for practicing professionals.

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