

Electromagnetic Compatibility for Space Systems Design

Part of the Advances in Computer and Electrical Engineering Book Series

Christos D. Nikolopoulos (National Technical University of Athens, Greece)

Description:

In the aerospace industry, avoiding operating issues, especially in regard to space missions and satellite structures, is crucial. The vast majority of these issues can be traced to disturbances in the electromagnetic fields used.

Electromagnetic Compatibility for Space Systems Design

is a critical scholarly resource that examines the applications of electromagnetic compatibility and electromagnetic interference in the space industry. Featuring coverage on a wide range of topics, such as magnetometers, electromagnetic environmental effects, and electromagnetic shielding, this book is geared toward managers, engineers, and researchers seeking current research on the applications of electromagnetic technologies in the aerospace field.



ISBN: 9781522554158

Release Date: March, 2018

Copyright: 2018

Pages: 320

Topics Covered:

- Electromagnetic Compatibility
- Electromagnetic Environmental Effect
- Electromagnetic Shielding
- Magnetic Dipole Modeling
- Magnetometers
- Noise Tolerance
- Transient Electromagnetic Phenomena

Hardcover: \$225.00

E-Book: \$225.00

Hardcover + E-Book: \$270.00

Order Information

Phone: 717-533-8845 x100

Toll Free: 1-866-342-6657

Fax: 717-533-8661 or 717-533-7115

Online Bookstore: www.igi-global.com

Mailing Address: 701 East Chocolate Avenue, Hershey, PA 17033, USA