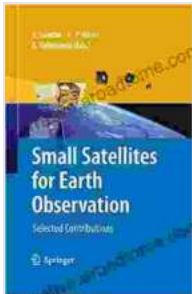


Small Satellites for Earth Observation: Selected Contributions



Small Satellites for Earth Observation: Selected Contributions by Adam Bash

★★★★★ 5 out of 5

Language : English

File size : 7684 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Print length : 428 pages



Small satellites are rapidly becoming a major force in Earth observation, providing new and innovative ways to monitor our planet. This book provides a comprehensive overview of the state-of-the-art in small satellites for Earth observation, covering the latest advances in technology, applications, and policy.

Technology

The book begins with a detailed discussion of the latest advances in small satellite technology. This includes chapters on:

- Small satellite platforms
- Payloads for Earth observation
- Communication and data handling
- Propulsion and attitude control

The book also provides an overview of the current state of the small satellite industry, including a discussion of the challenges and opportunities facing the sector.

Applications

The second part of the book focuses on the applications of small satellites for Earth observation. This includes chapters on:

- Environmental monitoring
- Disaster management
- Precision agriculture
- Climate change
- Sustainability

The book provides a detailed overview of the latest advances in each of these areas, and highlights the potential benefits of using small satellites for Earth observation.

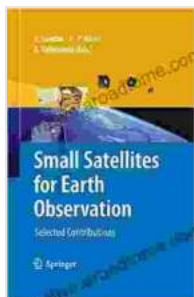
Policy

The final part of the book discusses the policy implications of the increasing use of small satellites for Earth observation. This includes chapters on:

- The regulatory environment for small satellites
- The role of government in supporting the small satellite industry
- The international cooperation in small satellite development and operation

The book provides a comprehensive overview of the current policy landscape for small satellites, and highlights the challenges and opportunities facing the sector.

Small satellites are rapidly becoming a major force in Earth observation, providing new and innovative ways to monitor our planet. This book provides a comprehensive overview of the state-of-the-art in small satellites for Earth observation, covering the latest advances in technology, applications, and policy. It is an essential resource for anyone interested in the future of Earth observation.



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