

Recent Advancements in Airborne Radar Signal Processing: Emerging Research and Opportunities

Part of the Advances in Mechatronics and Mechanical Engineering Book Series

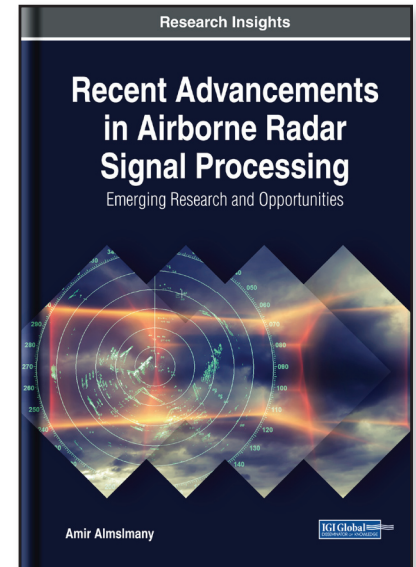
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Description:

As computer and information systems technology advances, industries such as aviation stand to benefit from the overwhelming new advances in hardware, software, and best practices.

Recent Advancements in Airborne Radar Signal Processing: Emerging Research and Opportunities

is a critical scholarly resource exploring an airborne radar system that will help to improve the function of airborne radar and self-deception spoofing jammer sources. Featuring coverage on a broad range of topics, such as doppler straddling loss, spoofing systems, and radar platform modeling, this book is geared towards academicians, researchers, and students seeking current research on radar signal processing in the field of aviation.



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Topics Covered:

- Automatic Gain Control
- Doppler Straddling Loss
- Radar Platform Modeling
- Radio Detection
- Self-Deception Jammer
- Spoofing Systems
- Terrain Mapping

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