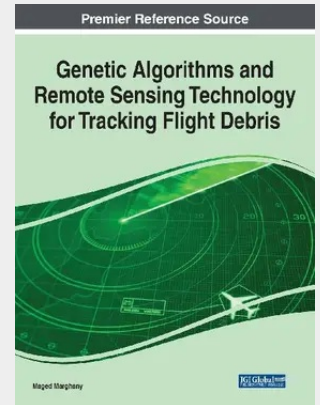


Genetic Algorithms and Remote Sensing Technology for Tracking Flight Debris

The tragic disappearance of the Malaysia Airlines Flight MH370 has created a need for research in the areas of aircraft transportation, and specifically flight debris tracking. As researchers and scientists continue to search for novel technologies that will assist with aeronautical detection, two modes have emerged as possible solutions. The use of remote sensing technology and genetic algorithms are techniques that scientists are beginning to use to improve aircraft trajectory models and to locate downed aircraft. Genetic Algorithms and Remote Sensing Technology for Tracking Flight Debris is an essential reference source that discusses developing tracking methods using advanced algorithms as well as satellite technologies. Featuring research on topics such as wave pattern modeling, microwave satellite data, and trajectory movement, this book is ideally designed for practitioners, researchers, oceanographers, aerospace engineers, scientists, educators, developers, analysts, and students seeking coverage on advancements in sensor and tracking technology in regard to flight dynamics.

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