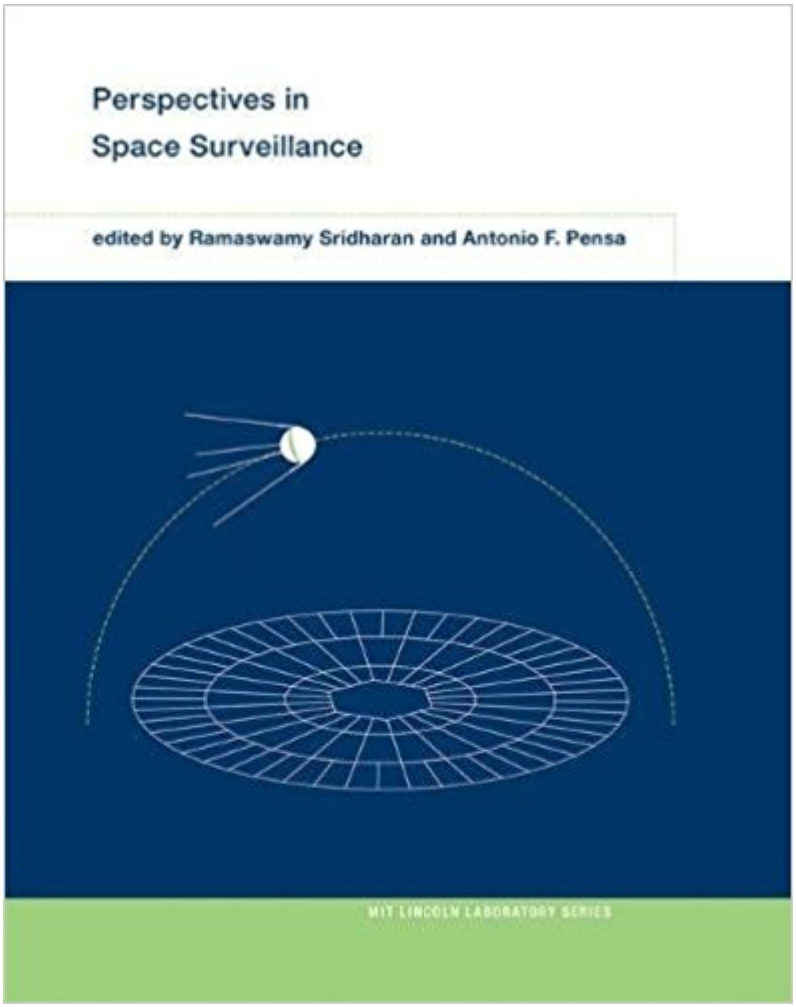
Ebook Directory
the best source of ebook

The book was found

Perspectives In Space Surveillance (MIT Lincoln Laboratory Series)



PDF
Adobe
DOWNLOAD EBOOK

Synopsis

In the 1950s, the United States and the Soviet Union raced to develop space-based intelligence gathering capability. The Soviets succeeded first, with SPUTNIK I in 1957. The United States began to monitor the growing Soviet space presence by developing technology for the detection and tracking of man-made resident space objects (RSOs) in near-Earth orbit. In 1972, the Soviet Union launched a satellite into deep space orbit, and the U.S. government called on MIT Lincoln Laboratory to develop deep space surveillance technology. This book describes these developments, as well as the later application of deep space surveillance technology to near-Earth surveillance, covering work at Lincoln Laboratory on space surveillance from 1970 to 2000.The contributors, all key participants in developing these technologies, discuss topics that include narrow beam, narrow bandwidth radar for deep surveillance; wide bandwidth radar for RSO monitoring; ground-based electro-optical deep space surveillance and its adaptation for space-based surveillance; radar as the means of real-time search and discovery techniques; methods of analyses of signature data from narrow bandwidth radars; and the collision hazard for satellites in geosynchronous orbit, stemming initially from the failure of TELSTAR 401. They also describe some unintended byproducts of this pioneering work, including the use of optical space surveillance techniques for near-Earth asteroid detection. ContributorsRick Abbott, Robert Bergemann, E.M. Gaposchkin, Israel Kupiec, Richard Lambour, Antonio F. Pensa, Eugene Rork, Jayant Sharma, Craig Solodyna, Ramaswamy Sridharan, J. Scott Stuart, George Zollinger

Book Information

Series: MIT Lincoln Laboratory Series
Hardcover: 392 pages
Publisher: The MIT Press; 1 edition (May 19, 2017)
Language: English
ISBN-10: 0262035871
ISBN-13: 978-0262035873
Product Dimensions: 7 x 0.9 x 9 inches
Shipping Weight: 1.9 pounds (View shipping rates and policies)
Average Customer Review: Be the first to review this item
Best Sellers Rank: #3,111,681 in Books (See Top 100 in Books) #92 inÃ Â Books > Politics & Social Sciences > Politics & Government > Specific Topics > Privacy & Surveillance #1391 inÃ Â Books > Textbooks > Engineering > Aeronautical Engineering #1505 inÃ Â Books >

Engineering & Transportation > Engineering > Aerospace > Astronautics & Space Flight

Download to continue reading...

Perspectives in Space Surveillance (MIT Lincoln Laboratory Series) Surveillance Zone: The Hidden World of Corporate Surveillance Detection & Covert Special Operations Policing America's Empire: The United States, the Philippines, and the Rise of the Surveillance State (New Perspectives in Se Asian Studies) Rockets & Satellites: Surveillance from Space (Military Engineering in Action) Launch Vehicles Pocket Space Guide: Heritage of the Space Race (Pocket Space Guides) The Lincoln Lawyer (A Lincoln Lawyer Novel) Lincoln at Gettysburg: The Words that Remade America (Simon & Schuster Lincoln Library) The Real Lincoln: A New Look at Abraham Lincoln, His Agenda, and an Unnecessary War Magic Tree House Fact Tracker: Abraham Lincoln: A Nonfiction Companion to Magic Tree House #47: Abe Lincoln at Last! Abraham Lincoln For Kids Book - Learn Interesting Facts About The Life, History & Story of Abe Lincoln, His Assassination & More Mrs. Lincoln's Dressmaker: The Unlikely Friendship of Elizabeth Keckley and Mary Todd Lincoln The Cold Moon: A Lincoln Rhyme Novel (Lincoln Rhyme Novels) The Twelfth Card: A Lincoln Rhyme Novel (Lincoln Rhyme Novels) The Vanished Man: A Lincoln Rhyme Novel (Lincoln Rhyme Novels) The Broken Window: A Lincoln Rhyme Novel (Lincoln Rhyme Novels) The Burning Wire: A Lincoln Rhyme Novel (Lincoln Rhyme Novels) The Lincoln Rhyme Collection (Lincoln Rhyme Novels) Abraham Lincoln in the Kitchen: A Culinary View of Lincoln's Life and Times Lincoln's Sanctuary: Abraham Lincoln and the Soldiers' Home Lincoln Cents for Kids: 1979-2012 Collector's Lincoln Cent Folder (Warman's Kids Coin Folders)

Contact Us

DMCA

Privacy

FAQ & Help