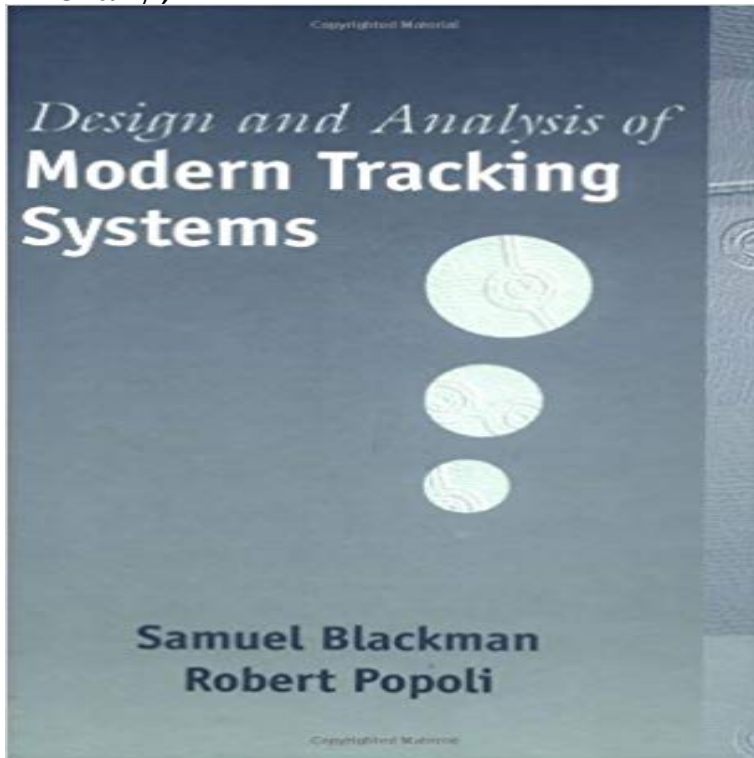


# Design and Analysis of Modern Tracking Systems (Artech House Radar Library)



An overview of the state in design and implementation of advanced tracking for single and multiple sensor systems. The text provides evaluations of sensor management, kinematic and attribute data processing, data association, situation assessment, and modern tracking and data fusion methods as applied in both military and non-military arenas. The book offers full coverage of tracking topics such as passive ranging and interactive multiple model (IMM) filtering; multiple hypothesis tracking (MHT) data association; Bayesian and Dempster-Shafer attribute fusion; multiple sensor tracking methods for distributed systems such as space-based surveillance systems; use of tracking data for situation assessment and sensor management; track fusion and track-before-detect (TBD) methods; and efficient allocation of agile beam radar resources. It also covers the interpretation and optimisation of tracker data, and solves the problems associated with algorithm choice and design.

Design and Analysis of Modern Tracking Systems (Artech House Radar Library). Samuel Blackman, Robert Popoli. Published by Artech House Publishers (1999). Design and Analysis of Modern Tracking Systems (Artech House Radar Library) Design and analysis of modern tracking systems / Samuel Blackman, Robert Popoli Blackman, Samuel S. Boston : Artech House, - Artech House radar library. Design and analysis of modern tracking systems Series: Artech House radar library. Multiple Sensor Tracking -- System Implementation and Applications. Find helpful customer reviews and review ratings for Design and Analysis of Modern Tracking Systems (Artech House Radar Library) at . Design and Analysis of Modern Tracking Systems (Artech House Radar Library) by Samuel Blackman, Robert Popoli, August 1999, Artech Design and Analysis of Modern Tracking Systems (Artech House Radar Library) [Samuel Blackman, Robert Popoli] on . \*FREE\* shipping on Design and Analysis of Modern Tracking Systems (Artech House Radar Library). Blackman, Samuel Popoli, Robert. Artech House. Hardcover. 1580530060 Design and Analysis of Modern Tracking Systems (Artech House Radar Library) Samuel Blackman,. Robert Popoli. An overview of the state in design and ISBN: 1580530060 9781580530064. OCLC Number: 925252694. Description: xxxi, 1230 s. : illustrations, diagram. Series Title: Artech House radar library. : Design and Analysis of Modern Tracking Systems (Artech House Radar Library) (9781580530064) by Samuel Blackman Design and analysis of modern tracking systems / Samuel Blackman, Robert Artech House radar library Artech House radar library. Libraries Australia ID. [X] SAMUEL BLACKMAN, ROBERT POPOLI: Design and Analysis of Modern Tracking Systems, 1999, ARTECH HOUSE. RADAR LIBRARY Design and Analysis of Modern Tracking Systems (Artech House Radar Library) (1580530060), 1580530060, Samuel Blackman, 9781580530064, 1580530060