Detection And Estimation For Communication And Radar Systems
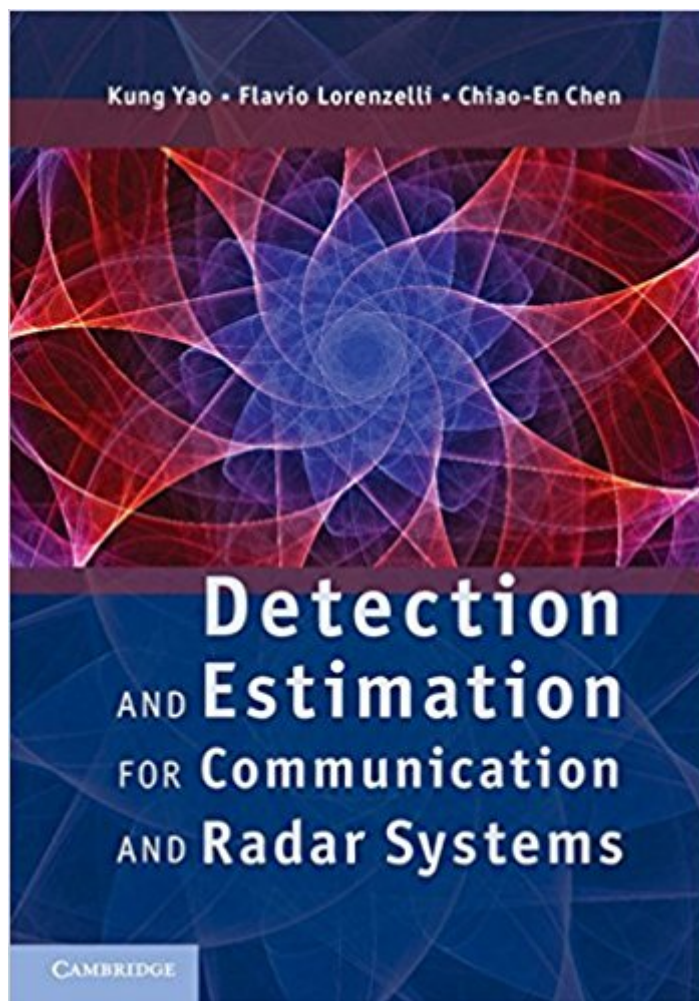
Kung Yao • Flavio Lorenzelli • Chiao-En Chen

Detection
AND Estimation
FOR Communication
AND Radar Systems

CAMBRIDGE

Synopsis

Covering the fundamentals of detection and estimation theory, this systematic guide describes statistical tools that can be used to analyze, design, implement and optimize real-world systems. Detailed derivations of the various statistical methods are provided, ensuring a deeper understanding of the basics. Packed with practical insights, it uses extensive examples from communication, telecommunication and radar engineering to illustrate how theoretical results are derived and applied in practice. A unique blend of theory and applications and over 80 analytical and computational end-of-chapter problems make this an ideal resource for both graduate students and professional engineers.

Book Information

Hardcover: 332 pages

Publisher: Cambridge University Press; 1 edition (February 25, 2013)

Language: English

ISBN-10: 0521766397

ISBN-13: 978-0521766395

Product Dimensions: 6.8 x 0.8 x 9.7 inches

Shipping Weight: 1.7 pounds (View shipping rates and policies)

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