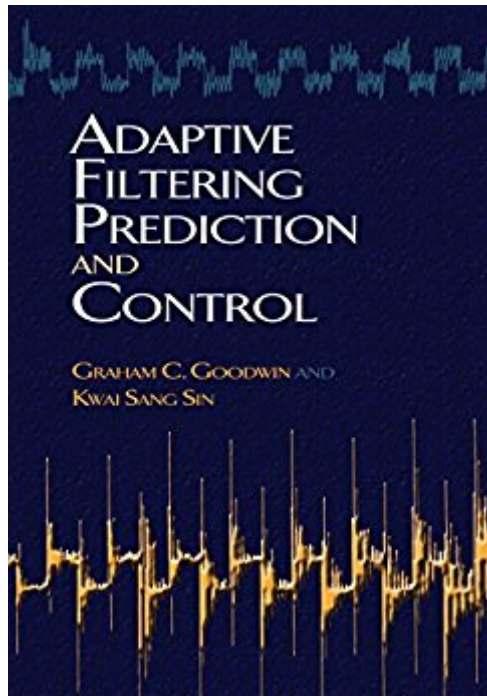


The book was found

Adaptive Filtering Prediction And Control (Dover Books On Electrical Engineering)



Synopsis

This unified survey of the theory of adaptive filtering, prediction, and control focuses on linear discrete-time systems and explores the natural extensions to nonlinear systems. In keeping with the importance of computers to practical applications, the authors emphasize discrete-time systems. Their approach summarizes the theoretical and practical aspects of a large class of adaptive algorithms. Ideal for advanced undergraduate and graduate classes, this treatment consists of two parts. The first section concerns deterministic systems, covering models, parameter estimation, and adaptive prediction and control. The second part examines stochastic systems, exploring optimal filtering and prediction, parameter estimation, adaptive filtering and prediction, and adaptive control. Extensive appendices offer a summary of relevant background material, making this volume largely self-contained. Readers will find that these theories, formulas, and applications are related to a variety of fields, including biotechnology, aerospace engineering, computer sciences, and electrical engineering.

Book Information

File Size: 40529 KB

Print Length: 560 pages

Publisher: Dover Publications (May 5, 2014)

Publication Date: May 5, 2014

Sold by: Digital Services LLC

Language: English

ASIN: B00KYIQOGM

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #362,957 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #37

in Kindle Store > Kindle eBooks > Nonfiction > Science > Physics > System Theory #57

in Kindle Store > Kindle eBooks > Nonfiction > Science > Mathematics > Chaos & Systems #143

in Books > Science & Math > Physics > System Theory

Customer Reviews

Its a good book for discrete adaptive control, estimation and filtering. It has analysis, design, and

applications to the real world problems.

great book and great price

This book is fundamental, and when I ordered it , it was delivered quickly.

This book is very useful for me and one who are studying about adaptive control.I like this book!Thank you prof . Goodwin

[Download to continue reading...](#)

Adaptive Filtering Prediction and Control (Dover Books on Electrical Engineering) Bayesian Signal Processing: Classical, Modern and Particle Filtering Methods (Adaptive and Cognitive Dynamic Systems: Signal Processing, Learning, Communications and Control) Control System Design: An Introduction to State-Space Methods (Dover Books on Electrical Engineering) Telecommunication Systems Engineering (Dover Books on Electrical Engineering) Adaptive Sampling with Mobile WSN: Simultaneous Robot Localisation and Mapping of Paramagnetic Spatio-Temporal Fields (Iet Control Engineering Series) Hack Your Mind to Become Bulletproof: How to control perceptive filtering, create happiness on command, interrupt destructive patterns, unlock the power ... to Create a New Future Series Book 1) Basic Electricity (Dover Books on Electrical Engineering) Introduction to Adaptive Optics (SPIE Tutorial Texts in Optical Engineering Vol. TT41) Electrical Control of Fluid Power: Electric and Electronic Control of Hydraulic & Air Systems Jokes For Kids - Joke Books : Funny Books : Kids Books : Books for kids age 9 12 : Best Jokes 2016 (kids books, jokes for kids, books for kids 9-12, ... funny jokes, funny jokes for kids) (Volume 1) Insect Resistance Management, Second Edition: Biology, Economics, and Prediction Earthquake Prediction (Mcgraw Hill Horizons of Science Series) Failure of Materials in Mechanical Design: Analysis, Prediction, Prevention, 2nd Edition Professional Roulette Prediction: Volume 1 - Basic Methods Practical I-Ching: ancient Eastern prediction science to modern life application Detection Estimation and Modulation Theory, Part I: Detection, Estimation, and Filtering Theory Digital Control Systems (The Oxford Series in Electrical and Computer Engineering) Ending Spam: Bayesian Content Filtering and the Art of Statistical Language Classification Microsoft Excel 2010 Tables, PivotTables, Sorting & Filtering Quick Reference Guide (Cheat Sheet of Instructions, Tips & Shortcuts - Laminated Card) Partially Observed Markov Decision Processes: From Filtering to Controlled Sensing

[Dmca](#)