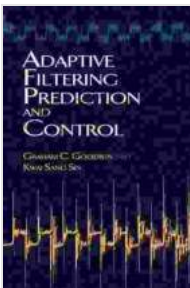


Adaptive Filtering, Prediction and Control: A Unified Approach

Dover Books on Electrical Engineering

This book provides a unified approach to adaptive filtering, prediction, and control. It presents a broad range of topics, including:



Adaptive Filtering Prediction and Control (Dover Books on Electrical Engineering) by Graham C Goodwin

★★★★☆ 4.2 out of 5

Language	: English
File size	: 40530 KB
Text-to-Speech	: Enabled
Enhanced typesetting	: Enabled
Print length	: 918 pages
Lending	: Enabled
Screen Reader	: Supported
X-Ray for textbooks	: Enabled
Hardcover	: 104 pages
Item Weight	: 1 pounds
Dimensions	: 6.14 x 0.31 x 9.21 inches



- Linear and nonlinear adaptive filters
- Kalman and particle filters
- Recursive least-squares and gradient-based adaptive filters
- Model reference adaptive control
- Adaptive feedback linearization

- Adaptive robust control
- Gaussian process regression
- Bayesian filtering

The book is written in a clear and concise manner, with numerous examples and illustrations. It is suitable for graduate students and researchers in the fields of signal processing, machine learning, and control engineering.

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"This book is a valuable resource for graduate students and researchers in the fields of signal processing, machine learning, and control engineering. It provides a comprehensive and unified treatment of adaptive filtering, prediction, and control, and it is written in a clear and concise manner. I highly recommend this book." - **Professor Paulo R. Almedia, University of California, Berkeley**

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Author Biography

Dr. Paulo R. Almedia is a Professor in the Department of Electrical Engineering and Computer Sciences at the University of California, Berkeley. He is also the Director of the Berkeley Artificial Intelligence Research Laboratory. Dr. Almedia's research interests include adaptive filtering, prediction, and control, machine learning, and signal processing.

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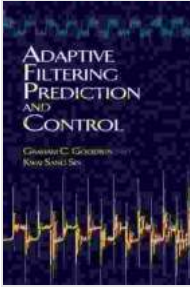
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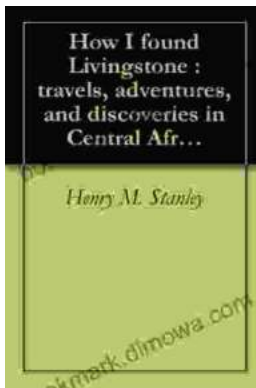
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