Wind Turbine Control Systems: Principles, Modelling And Gain Scheduling Design (Advances In Industrial Control)
Synopsis

This book emphasizes the application of Linear Parameter Varying (LPV) gain scheduling techniques to the control of wind energy conversion systems. This reformulation of the classical problem of gain scheduling allows straightforward design procedure and simple controller implementation. From an overview of basic wind energy conversion, to analysis of common control strategies, to design details for LPV gain-scheduled controllers for both fixed- and variable-pitch, this is a thorough and informative monograph.

Book Information

Series: Advances in Industrial Control
Hardcover: 208 pages
Publisher: Springer; 2007 edition (July 12, 2006)
Language: English
ISBN-10: 1846284929
Product Dimensions: 6.1 x 0.6 x 9.2 inches
Shipping Weight: 1.1 pounds (View shipping rates and policies)
Average Customer Review: Be the first to review this item
Best Sellers Rank: #1,976,526 in Books (See Top 100 in Books) #80 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Alternative & Renewable > Wind #955 in Books > Computers & Technology > Computer Science > Robotics #1049 in Books > Textbooks > Engineering > Environmental Engineering

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