



Adaptive Control: Stability, Convergence and Robustness

By Shankar Sastry

Dover Publications Inc. Paperback. Book Condition: New. Paperback. 400 pages. Dimensions: 9.0in. x 6.0in. x 0.9in. With a focus on linear, continuous time, single-input, single-output systems, this volume surveys the major results and techniques of analysis in the field of adaptive control. The authors offer a clear, conceptual presentation of adaptive methods, enabling a critical evaluation of these techniques and suggesting avenues of further development. A brief historical overview of adaptive control is followed by a review of mathematical preliminaries and the development of several adaptive identification algorithms. Succeeding chapters examine averaging techniques, the robustness of adaptive schemes, and advanced topics including the use of prior information and multivariable adaptive control followed by a concise introduction to the control of a class of nonlinear systems. The treatment is largely self-contained, assuming only some graduate-level background in basic control systems and in linear systems theory. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



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