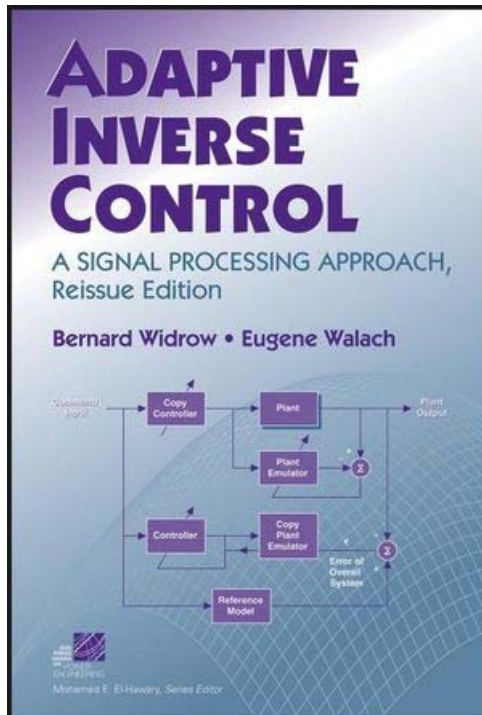


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ADAPTIVE INVERSE CONTROL: A SIGNAL PROCESSING APPROACH



Wiley-IEEE Press, November 2007
ISBN: 978-0-470-22609-4
Hardcover

Adaptive Inverse Control presents methods of adaptive signal processing that are borrowed from the field of digital signal processing to solve problems in dynamic systems control. This unique approach allows engineers in both fields to share tools and techniques. Clearly and intuitively written, the book illuminates theory with an emphasis on practical applications and commonsense understanding. The reissued edition comprises the adaptive inverse control concept, Wiener filters, adaptive LMS filters, adaptive modeling, inverse plant modeling, adaptive inverse control, other configurations for adaptive inverse control, plant disturbance canceling, system integration, Multiple-Input Multiple-Output (MIMO) adaptive inverse control systems, nonlinear adaptive inverse control systems etc.

Adaptive Inverse Control is completed with a glossary and chapter summaries, consolidating in that way the information presented. This edition is appropriate as a textbook for advanced undergraduate- and graduate-level courses on adaptive control and also serves as a valuable resource for practitioners in the fields of control systems and signal processing.

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[*Review of Ivan Popchev, Academician of Bulgarian Academy of Sciences*](#)