Record Nr. UNINA9910830716003321 Autore Tao Gang **Titolo** Adaptive control design and analysis / / Gang Tao Pubbl/distr/stampa Hoboken, New Jersey:,: Wiley-Interscience,, c2003 [Piscatagay, New Jersey]:,: IEEE Xplore,, [2004] **ISBN** 1-280-55653-6 9786610556533 0-470-35076-8 0-471-45909-7 0-471-45910-0 Descrizione fisica 1 PDF (xx, 618 pages): illustrations Collana Adaptive and learning systems for signal processing, communications and control series;;42 Disciplina 629.8/36 Soggetti Adaptive control systems Mechanical Engineering - General Mechanical Engineering **Engineering & Applied Sciences** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Nota di bibliografia Includes bibliographical references (p. 577-614) and index. Sommario/riassunto This well organized guide treats adaptive control design and analysis in an authoritative, rigorous manner. Gives both continuous-time and discrete-time adaptive control designs and their analysis. Deals with both single-input single-output and muli-input multi-output systems. Employs both state feedback and output feedback for control. Presents design and analysis of various adaptive control systems in a simplified,

clarified, and unified as well as compact framework. Problem sets at the end of each chapter promote understanding of the topics discussed.