1. Record Nr. UNINA9910877537203321 Autore French Mark Titolo Performance of nonlinear approximate adaptive controllers Pubbl/distr/stampa [Place of publication not identified], : John Wiley & Sons Incorporated, 2003 **ISBN** 0-470-01409-1 9786610554140 1-280-55414-2 Descrizione fisica 1 online resource (399 pages) Disciplina 621.3981 Soggetti Operations Research Civil & Environmental Engineering **Engineering & Applied Sciences** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Bibliographic Level Mode of Issuance: Monograph Note generali Sommario/riassunto Non-linear adaptive control refers to automated systems with a degree of artificial intelligence. At the turn of the 21st century, there has been wide interest in non-linear adaptive control using approximate models, either for tracking or regulation, and usually under the banner of neural network based control. This book describes the approximate model philosophy and its setting, and rigorously compares the performance of

such controls against competing models.