Record Nr. UNINA9910821568003321 Autore Khalil W (Wisama) **Titolo** Modeling, identification & control of robots [[electronic resource] /] / W. Khalil & E. Dombre Pubbl/distr/stampa London; ; Sterling, VA, : Kogan Page Science, 2004, c2002 **ISBN** 1-281-98541-4 9786611985417 0-08-053661-1 Edizione [1st ed.] Descrizione fisica 1 online resource (503 p.) Kogan Page Science paper edition Collana Altri autori (Persone) DombreE (Etienne) Disciplina 629.892 Soggetti Robots - Mathematical models Robots - Dynamics Robots - Control systems Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Originally published: London: HPS, 2002. Nota di bibliografia Includes bibliographical references (p. [447]-473) and index. Nota di contenuto

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Sommario/riassunto

Written by two of Europe's leading robotics experts, this book provides the tools for a unified approach to the modelling of robotic manipulators, whatever their mechanical structure. No other publication covers the three fundamental issues of robotics: modelling, identification and control. It covers the development of various mathematical models required for the control and simulation of robots. ·World class authority·Unique range of coverage not available in any other book·Provides a complete course on robotic control at an undergraduate and graduate level