

1. Record Nr.	UNINA9910139234203321
Titolo	Electrical actuators [[electronic resource]] : identification and observation // edited by Bernard de Fornel, Jean-Paul Louis
Pubbl/distr/stampa	London, : ISTE Hoboken, N.J., : Wiley, c2010
ISBN	1-118-55811-1 1-118-58624-7 1-299-27729-2 1-118-58628-X
Edizione	[1st edition]
Descrizione fisica	1 online resource (487 p.)
Collana	ISTE
Altri autori (Persone)	FornelBernard de LouisJean-Paul <1945->
Disciplina	621.3
Soggetti	Actuators Electromechanical devices
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Adapted and updated from two volumes Identification et observation des actionneurs electriques published 2007 in France by Hermes Science/Lavoisier.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. I. Measures and identifications -- pt. II. Observer examples.
Sommario/riassunto	This helpful resource covers a large range of information regarding electrical actuators. In particular, robustness, a very problematic issue, is fully explored in a dedicated chapter. The text also deals with the estimate of non-measurable mechanical variables by examining the estimate of load moment, then observation of the positioning of a command without mechanical sensor. Finally, it examines the conditions needed to measure variables and real implementation of numerical algorithms. This is a key working resource for electrical engineers.