

1. Record Nr.	UNINA990005120780403321
Autore	Kierkegaard, Søren <1813-1855>
Titolo	Der Begriff Angst Vorworte / Soren Kierkegaard
Pubbl/distr/stampa	Gütersloh : Gütersloher Verlagshaus Gerd Mohn, 1995
ISBN	3-579-00608-8
Edizione	[4. auf.]
Descrizione fisica	281 ; 18 cm
Collana	Gütersloher Taschenbücher ; 608
Disciplina	199
Locazione	FLFBC
Collocazione	P.1 8V KIER 5 (7)
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9911007467203321
Autore	Rubio Jose de Jesus
Titolo	Dynamic Models of Energy, Robotic, and Biological Systems : Systems, Design, and Validation // by Jose de Jesus Rubio, Alejandro Zacarias, Jaime Pacheco
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-85438-1
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XX, 182 p. 111 illus., 84 illus. in color.)
Collana	Computer Science Series
Disciplina	003.3
Soggetti	Computer simulation Dynamics Biological models Robotics Computer Modelling Dynamical Systems Biological Models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	. Dynamic model of a wind turbine for the electric energy generation -- 2. An electricity generator based on the interaction of static and dynamic magnets -- 3. Dynamic model of an electric vehicle with energy recovery -- 4. Modeling and control of a fuel cell -- 5. Dynamic model with sensor and actuator for a transelevator -- 6. Dynamic model with sensor and actuator for an articulated robotic arm -- 7. Inverse dynamics model of a delta-type parallel robot -- 8. Acquisition system and approximation of brain signals -- 9. A method for online pattern recognition of abnormal eye movements -- 10. A method with neural networks for the classification of fruits and vegetables.
Sommario/riassunto	Dynamic models are essential for understanding the system dynamics. It is of importance because one mistake in experiments could cause accidents or damages, while one mistake in the simulation of dynamic models could cause nothing. Each system has a different dynamic model; hence, this book presents the designs of 10 dynamic models which are mainly classified in two ways. The first kind of dynamic

models are mainly obtained by the Euler Lagrange method and described by differential equations. The second kind of dynamic models are mainly obtained by the neural networks and described by difference equations. Topics and features: Contains the dynamic models of energy systems Derives dynamic models of energy systems by the Euler Lagrange method Includes the dynamic models of robotic systems Contains the dynamic models of biological systems Derives dynamic models of robotic systems by the Euler Lagrange method Obtains dynamic models of biological systems by neural networks This book is expected to be used primary by researchers and secondary by students and in the areas of control, robotics, energy, biological, mechanical, mechatronics, and computing systems. Jose de Jesus Rubio, Alejandro Zacarias, and Jaime Pacheco are full Professors affiliated with the ESIME Azcapotzalco, Instituto Politécnico Nacional, Sección de Estudios de Posgrado e Investigación, Ciudad de México, México.

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