1. Record Nr. UNISALENTO991003441479707536

Autore	Sackheim, George I.
Titolo	Chemistry for the health sciences / George I. Sackheim, Dennis D. Lehman
Pubbl/distr/stampa	New York : Macmillan, c1994
ISBN	0024051616
Edizione	[7th ed.]
Descrizione fisica	xiii, 632 p. : ill. (some col.) ; 27 cm
Altri autori (Persone)	Lehman, Dennis D.
Disciplina	540
Soggetti	Chemistry Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index

2. Record Nr. UNINA9910820370103321

Autore	Skwarek Agata
Titolo	IMAPS-CPMT 2014 Poland / / Agata Skwarek, Martin Goosey
Pubbl/distr/stampa	Bradford, England : , : Emerald Publishing, , [2015] ©2015
ISBN	1-78560-553-4
Descrizione fisica	1 online resource (129 p.)
Collana	Circuit World: Volume 41, Issue 3
Disciplina	620.11
Soggetti	Smart materials Systems engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Cover; EDITORIAL ADVISORY BOARD; Guest editorial; The effect of anticipatory emotions on students' performance in marketing simulations; Partner selection in co-opetition: a three step model; Expressing herself through brands: the Arab woman's perspective; Entrepreneurship and viral development in rural Western Negev in Israel; Perception and motivation to purchase organic products in Mediterranean countries; Biotechnological mergers and acquisitions: features, trends and new dynamics; Determinants of consumer behaviour in novice markets: the case of wine
Sommario/riassunto	The 38th IMAPS-CPMT Poland International Conference was held in Rzeszow-Czarna and took place between the 21st and 24th September 2014. This event was organized by Rzeszow University of Technology. The scope of the Conference covered 'everything in electronics between the chip and the system'. In this special e-book of Circuit World, seven papers have been collected, covering the processes and procedures associated with interconnections and printed circuit boards and their design and manufacture.

3. Record Nr. UNINA9910583335203321

Autore	Ueda Jun
Titolo	Cellular Actuators : Modularity and Variability in Muscle-Inspired Actuation
Pubbl/distr/stampa	Oxford : , : Elsevier Science & Technology, , 2017 ©2017
ISBN	0-12-803706-7 0-12-803687-7
Descrizione fisica	1 online resource (384 pages)
Altri autori (Persone)	SchultzJoshua A AsadaHarry
Disciplina	621
Soggetti	Actuators - Design and construction Piezoelectric devices Robotics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Front Cover -- Cellular Actuators -- Copyright -- Contents -- List of gures -- List of tables -- Introduction -- About this book -- Motivation for biologically inspired actuation -- Biological muscles and arti cial muscle-type actuators -- Cellular architecture -- Outline of this book -- Acknowledgment -- Historical overview -- Soft robots for unstructured environments -- Robot actuators -- Redundant actuators -- Generation of natural movements -- Cellular actuator concept -- Inspiration from biological muscles -- Binary control of an actuator array -- Broadcast feedback with stochastic recruitment -- Discussion -- 1 Structure of cellular actuators -- 1.1 Strain ampli ed piezoelectric actuators -- 1.1.1 Piezoelectric materials -- 1.1.2 Strain ampli cation mechanisms -- 1.1.3 MEMS-PZT cellular actuator -- 1.1.4 Discussion -- 1.2 Nested rhombus exponential strain ampli cation -- 1.2.1 Large effective strain piezoelectric actuators -- 1.2.2 Rhombus strain ampli cation mechanisms -- 1.2.3 Nested rhombus structure -- 1.2.4 Properties of ideal nested rhombus PZT actuators -- 1.2.5 Feasibility check for 20% effective strain -- 1.2.6 Discussion -- 1.3 Design of nested-rhombus cellular actuators -- 1.3.1 Nested rhombus

mechanisms with structural exibility -- 1.3.2 Veri cation and calibration of 3-spring lumped parameter model -- 1.3.3 Prototype two-layer actuator unit -- 1.3.4 Contractile two-layer mechanism design -- 1.3.5 Tweezer-style piezoelectric end-effector -- 1.3.6 Three-layer rhomboidal mechanism design and its application to a camera positioning mechanism -- 1.3.7 Discussion -- 2 Modeling of cellular actuators -- 2.1 Two-port networks for single cell modeling -- 2.1.1 Why a more involved model is necessary -- 2.1.2 Two-port models of strain amplifying compliant mechanisms.
2.1.3 Finding expressions for the immittance parameters using Castigliano's theorem -- 2.1.4 Connecting strain ampli ers and ampli ed stacks together -- 2.1.5 Effectiveness of multiple layers and gures of merit -- 2.1.6 Amplifying still further with additional strain amplifying mechanisms -- 2.1.7 Discussion -- 2.2 Calibration of two-port network models -- 2.2.1 Model validation by nite element methods -- 2.2.2 Experimental results -- 2.2.3 Discussion -- 2.3 Modeling of actuator arrays: the nesting theorem: three-layer structure -- 2.3.1 Actuator compliance for nested ampli ed piezoelectric actuators -- 2.3.2 Antagonist pairs of compliant actuators -- 2.3.3 The rst and second nesting theorem: evaluating the perceived stiffness based on the stiffness of each layer -- 2.3.4 The three-layer structure -- 2.3.5 Discussion -- 2.4 Representation and characterization of complex actuator arrays -- 2.4.1 Graph-theoretic modeling -- 2.4.2 Cell -- 2.4.3 Connecting structures -- 2.4.4 Incidence matrices -- 2.4.5 Fingerprint method basics -- 2.4.6 Fingerprint-to-incidence matrix relationship -- 2.4.7 Automatic generation of actuator array topologies -- 2.4.8 Incidence matrix identity and similarity transforms -- 2.4.9 Robustness analysis -- 2.4.10 Discussion -- 3 Control of cellular actuators -- 3.1 Minimum switching discrete switching vibration suppression -- 3.1.1 Control strategies for exible mechatronic systems -- 3.1.2 Open-loop switching control methods -- 3.1.3 Redundantly actuated two-layer exible cellular actuator -- 3.1.4 Determination of switching pattern -- 3.1.5 Illustrative example of switching algorithm -- 3.1.6 Experimental setup -- 3.1.7 Experimental results -- 3.1.8 Non-ideal effects and command robustness -- 3.1.9 Discussion -- 3.2 Broadcast control for cellular actuator arrays -- 3.2.1 Cellular control system.
3.2.2 Broadcast feedback for cellular control system -- 3.2.3 Stability analysis of broadcast feedback -- 3.2.4 Simulation: uniform cellular array -- 3.2.5 Simulation: non-uniform cellular array -- 3.2.6 Discussion -- 3.3 Hysteresis loop control of hysteretic actuator arrays -- 3.3.1 Segmented binary control for hysteretic cellular actuator units -- 3.3.2 Implementation of hysteresis loop control of an SMA unit -- 3.3.3 Transition probability distribution and hysteresis loop -- 3.3.4 Localized stochastic transition -- 3.3.5 Broadcast control approach to the coordination of hysteric cellular actuator array -- 3.3.6 Centralized cell coordination -- 3.3.7 Simulation environment -- 3.3.8 Simulation results -- 3.3.9 Discussion -- 3.4 Supermartingale theory for broadcast control of distributed hysteretic systems -- 3.4.1 Anonymous control and stochastic recruitment -- 3.4.2 System representation -- 3.4.3 Aggregate state, internal dynamics, and observability -- 3.4.4 Control -- 3.4.5 Simulation -- 3.4.6 Robustness against cell failures -- 3.4.7 Contribution of preloading and refraction rule -- 3.4.8 Discussion -- 3.5 Signal-dependent variability of actuator arrays with oating-point quantization -- 3.5.1 Motor noise and cellular actuation -- 3.5.2 Floating-point quantization of cellular actuator arrays -- 3.5.3 Numerical example -- 3.5.4 Discussion -- 4 Application of cellular actuators -- 4.1 Variable stiffness cellular actuators -- 4.1.1 Variable

4. Record Nr. UNINA9910907799803321

Autore	Federici, Renato
Titolo	Rivolte e rivoluzioni : gli ordinamenti giuridici dello Stato e dell'anti-Stato : sulla differenza fra strutture e sovrastrutture / Renato Federici
Pubbl/distr/stampa	Napoli, : Editoriale scientifica, 2019
ISBN	978-88-93915-68-7
Descrizione fisica	XII, 315 p. ; 23 cm
Collana	Questioni contemporanee. Nuova serie big ; 40
Disciplina	321.094
Locazione	DDCIC
Collocazione	VI 833
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia