

1. Record Nr.	UNINA9910521810103321
Titolo	Inside and out : universities and education for sustainable development // edited by Robert Farrant and Linda Silka
Pubbl/distr/stampa	London : , : Routledge, , 2017
ISBN	1-315-22433-X 1-351-84357-5
Descrizione fisica	1 online resource (181 pages) : illustrations
Collana	Work, Health and Environment Series
Altri autori (Persone)	FarrantRobert <1947-> SilkaLinda
Disciplina	378.103
Soggetti	Community and college Sustainable development - Study and teaching Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	First published 2006 by Baywood Pub. Co., Inc.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	section 1. University space -- section 2. The regional and global fabric.

2. Record Nr.	UNISALENTO991003238709707536
Autore	Onwubolu, Godfrey C.
Titolo	Mechatronics [e-book] : principles and applications / Godfrey C. Onwubolu
Pubbl/distr/stampa	Oxford [England] ; Burlington, MA : Elsevier Butterworth-Heinemann, c2005
ISBN	9780750663793 0750663790
Descrizione fisica	xviii, 645 p. : ill. ; 25 cm
Disciplina	621
Soggetti	Mechatronics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Risorsa elettronica
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index
Nota di contenuto	Introduction to Mechatronics; Electrical Components and Circuits; Semiconductor Electronic Devices; Digital Electronics; Analog Electronics; Microcomputers and Micro-controllers; Data Acquisition; Sensors; Electrical Actuator Systems; Mechanical Actuator Systems; Interfacing Micro-controller with Actuators; Control Theory: Modelling; Control Theory: Analysis; Control Theory: Graphical Techniques; Robotics Systems; Electronic Fabrication Process; Reliability; Artificial Intelligence in Mechatronic Systems; Mechatronics applications of some new optimization techniques; Mechatronics Systems & Case Shows; Appendices
Sommario/riassunto	Mechatronics is a core subject for engineers, combining elements of mechanical and electronic engineering into the development of computer-controlled mechanical devices such as DVD players or anti-lock braking systems. This book is the most comprehensive text available for both mechanical and electrical engineering students and will enable them to engage fully with all stages of mechatronic system design. It offers broader and more integrated coverage than other books in the field with practical examples, case studies and exercises throughout and an Instructor's Manual. A further key feature of the book is its integrated coverage of programming the PIC microcontroller, and the use of MATLAB and Simulink programming

and modelling, along with code files for downloading from the accompanying website. \*Integrated coverage of PIC microcontroller programming, MATLAB and Simulink modelling \*Fully developed student exercises, detailed practical examples \*Accompanying website with Instructor's Manual, downloadable code and image bank

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