

1. Record Nr.	UNINA9910155420603321
Titolo	AETA 2016: Recent Advances in Electrical Engineering and Related Sciences : Theory and Application // edited by Vo Hoang Duy, Tran Trong Dao, Sang Bong Kim, Nguyen Tan Tien, Ivan Zelinka
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-50904-7
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XVI, 950 p. 728 illus.)
Collana	Lecture Notes in Electrical Engineering, , 1876-1100 ; ; 415
Disciplina	621.3072073
Soggetti	Power electronics Energy systems Control engineering Electrical engineering Robotics Automation Power Electronics, Electrical Machines and Networks Energy Systems Control and Systems Theory Communications Engineering, Networks Robotics and Automation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	These lecture notes present selected topics concerning a wide range of electrical and electronics applications, highlighting innovative approaches and offering state-of-the-art overviews. The book is divided into 14 topical areas, including e.g. telecommunication, power systems, robotics, control systems, renewable energy, mechanical engineering, computer science and more. Readers will find revealing papers on the design and implementation of control algorithms for automobiles and electrohydraulic systems, efficient protocols for vehicular ad hoc networks and motor control, and energy-saving

methods that can be applied in various fields of electrical engineering. The book offers a valuable resource for all practitioners who want to apply the topics discussed to solve real-world problems in their challenging applications. Offering insights into common and related subjects in the research fields of modern electrical, electronic and related technologies, it will also benefit all scientists and engineers working in the above-mentioned fields. .
