

1. Record Nr.	UNINA9910818926003321
Titolo	Advanced computational engineering and experimenting III : selected, peer reviewed papers from the Seventh International Conference on Advanced Computational Engineering and Experimenting, (ACE-X 2013), July 1-4, 2013, Madrid, Spain // edited by Andreas Ochsner and Holm Altenbach
Pubbl/distr/stampa	Durnten, Switzerland ; ; Zurich, Switzerland : , : TTP, , 2014 ©2014
ISBN	3-03826-450-4
Descrizione fisica	1 online resource (70 p.)
Collana	Key Engineering Materials, , 1662-9795 ; ; Volume 607
Disciplina	338.476712
Soggetti	Mechanical engineering Nanostructured materials Materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes indexes.
Nota di contenuto	Advanced Computational Engineering and Experimenting III; Preface; Table of Contents; Synthesis, Optical and Electrochemical Properties of Cu Phtalocyanine (CuPc) Prepared from Microwave Irradiation; Identification and Prediction of Surface Topography with Regard to Variable Conditions of Cold Rolling Process; Influence of Spur Gears Hardened Method to Allowable Stress Numbers for Bending; Simulation, Measurement and Spectral Analysis of Night Sky Light Background; Damage Identification in Beams Using Experimental Data; Resistance to Electrochemical Corrosion of Extruded Magnesium Alloy AZ61 The Influence of Strontium on the Microstructure of Cast Magnesium Alloys Containing Aluminum and Calcium A Balancing Procedure for a Modular Tool Set; Effect of Tolerance in the Fitting of Rivets in the Holes of Double Lap Joints Subjected to Uniaxial Tension; On the Finite Element Modelling and Simulation of Carbon Nanotubes; Keywords Index; Authors Index
Sommario/riassunto	This special issue of Key Engineering Materials contains selected refereed papers presented at the Seventh International Conference on

Advanced Computational Engineering and Experimenting (ACE-X 2013) held at NH Ribera del Manzanares (Madrid), Spain during the period 1st - 4th July, 2013. The goal of the conference was to provide a unique opportunity to exchange information, to present the latest results as well as to review the relevant issues on contemporary research in mechanical engineering. Young scientists were especially encouraged to attend the conference and to establish international
