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Autore	Jauregui Juan Carlos
Titolo	Parameter identification and monitoring of mechanical systems under nonlinear vibration / / Juan Carlos Jauregui
Pubbl/distr/stampa	Cambridge, England : , : Woodhead Publishing, , 2014 ©2014
ISBN	1-78242-166-1 1-78242-165-3
Descrizione fisica	1 online resource (227 p.)
Collana	Woodhead Publishing in Mechanical Engineering
Disciplina	620.3
Soggetti	Vibration - Measurement Vibration - Research
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Parameter Identification and Monitoring of Mechanical Systems under Nonlinear Vibration; Copyright; Dedication; Table of contents; List of figures; About the author; Introduction; 1 Linear vibrations; 1.1 Introduction; 1.2 Single degree of freedom; 1.3 Multiple degrees of freedom; 2 Nonlinear vibrations; 2.1 Introduction; 2.2 Jump phenomena; 2.3 Self-excited vibrations; 2.4 References; 3 Signal processing; 3.1 Introduction; 3.2 Convolution theorem; 3.3 Fourier Transform; 3.4 Short Time Fourier Transform (STFT); 3.5 Wavelet Transform; 3.6 Discrete Wavelet Transform; 3.7 Phase diagram 3.8 Approximate entropy3.9 References; 4 Parameter identification; 4.1 Introduction; 4.2 Time domain analysis; 4.3 Frequency domain analysis; 5 Application of signal processing to mechanical systems; 5.1 Introduction; 5.2 Roller bearings; 5.3 Gears; 5.4 Friction; 6 Practical experience and industrial applications; 6.1 Introduction; 6.2 Test procedure; 6.3 Simulation analysis; 7 Synchronization of nonlinear systems; 7.1 Introduction; 7.2 Synchronization; 7.3 Kuramoto's model; 7.4 Synchronization of nonlinear pendulums; Bibliography; Index
Sommario/riassunto	Development of new sensors and digital processors has provided opportunity for identification of nonlinear systems. Vibration measurements have become standard for predicting and monitoring

machinery in industry. Parameter Identification and Monitoring of Mechanical Systems under Nonlinear Vibration focusses on methods for the identification of nonlinearities in mechanical systems, giving description and examples of practical application. Chapters cover nonlinear dynamics; nonlinear vibrations; signal processing; parameter identification; application of signal processing to mechanical systems;

2. Record Nr.	UNINA9910962991903321
Autore	Kujawinska-Courtney Krystyna
Titolo	The post-marked world : theory and practice in the 21st century / / edited by Krystyna Kujawinska Courtney, Izabella Penier and Sumit Chakrabarti
Pubbl/distr/stampa	Newcastle upon Tyne, England, : Cambridge Scholars Publishing, c2013
ISBN	1-4438-5119-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (186 p.)
Altri autori (Persone)	PenierIzabella ChakrabartiSumit
Disciplina	149.97
Soggetti	Postmodernism
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Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Intro -- TABLE OF CONTENTS -- INTRODUCTION -- PART I -- NEGOTIATING WITH THE "POST-WORLD" -- LATE MODERNISM -- SILVIO BERLUSCONI AND THE SECOND ITALIAN REPUBLIC -- PART II -- PRE- AND POST-HOLOCAUST READING OF THE TEMPEST BY LEON SCHILLER IN 1938/39 AND 1947 -- POSTMODERN FIREWORKS OR POSTCOLONIAL VENGEANCE -- HAS POSTMODERNISM REALLY REACHED THE NATIONAL? -- PART III -- IRIGARAY'S CRITIQUE OF THE OCULARCENTRIC PARADIGM -- ART AND FEMINISM FROM A POSTSTRUCTURALIST PERSPECTIVE -- PART IV -- TOWARDS THE POST-ETHNIC AMERICAN STUDIES? -- POSTINDIAN WARRIORS OF SIMULATION -- POSTCOLONIALISM AND THE POLISH COLONIAL IDEOLOGY.
Sommario/riassunto	It is a cliché now to claim that we live in a "post"-marked world, and indeed the "post-isms" are some of the most used, and abused, expressions in the language. In a general sense, the various kinds of

"post-isms" are regarded as a rejection of a prevailing number of cultural certainties on which our life in the so-called Western world has been structured since the eighteenth century. Engaging with the "post-isms" can be regarded as both a philosophical and political endeavour, which demonstrates, among other things, the instability of language, meaning, narrativity and generally any formal systems. In the wake of such theoretical aporia, this volume represents an investigation in the (re)thinking of the implications of the term "post" in current theoretical parlance. Is there a politics always/already embedded within the "post"? Do we need the "post" any more? Did we, in the first place, need it at all? Is it possible to counter essentialism with the "post" prefix? These are some of the questions the volume raises and explores by examining the "post"-marked terms in the theoretical market. The essays included in this volume address different and relevant issues related to the idea of the "post," and those that are representative of different parts of the globe. Thus a reader of the volume will not only have a bird's eye view of the various disciplines where the concept of the "post" is used, but also an eclectic range of contributions about issues that engage with different socio-political dynamics from various parts of the world.
