

1. Record Nr.	UNINA9910674042403321
Autore	Massaro Matteo
Titolo	Advances in Mechanical Systems Dynamics / / Matteo Massaro, Giovanni Boschetti, Alberto Doria
Pubbl/distr/stampa	Basel : , : MDPI - Multidisciplinary Digital Publishing Institute, , 2020
Descrizione fisica	1 online resource (236 pages)
Disciplina	331.7
Soggetti	Mechanics (Persons)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Modern dynamics was established many centuries ago by Galileo and Newton before the beginning of the industrial era. Presently, we are in the presence of the fourth industrial revolution, and mechanical systems are increasingly being integrated with electronic, electrical, and fluidic systems. This trend is present not only in the industrial environment, which will soon be characterized by the cyber-physical systems of industry 4.0, but also in other environments like mobility, health and bio-engineering, food and natural resources, safety, and sustainable living. In this context, purely mechanical systems with quasi-static behavior will become less common and the state-of-the-art will soon be represented by integrated mechanical systems, which need accurate dynamic models to predict their behavior. Therefore, mechanical system dynamics are going to play an increasingly central role. Significant research efforts are needed to improve the identification of the mechanical properties of systems in order to develop models that take non-linearity into account, and to develop efficient simulation tools. This Special Issue aims at disseminating the latest research achievements, findings, and ideas in mechanical systems dynamics, with particular emphasis on applications that are strongly integrated with other systems and require a multi-physical approach.</p>

2. Record Nr.	UNINA9910822342803321
Autore	Ifill Helena
Titolo	Creating character : theories of nature and nurture in Victorian sensation fiction / / Helena Ifill
Pubbl/distr/stampa	Manchester, UK : , : Manchester University Press, , 2018 ©2018
ISBN	1-5261-3627-9 1-5261-2658-3
Descrizione fisica	1 online resource (240 pages) : digital file(s)
Collana	Interventions : Rethinking the Nineteenth Century
Disciplina	823.8
Soggetti	English fiction - 19th century - History and criticism Personality in literature Characters and characteristics in literature Literature Literary Studies: C 1800 To C 1900 LITERARY CRITICISM / General Ireland Criticism, interpretation, etc. Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previously issued in print: 2018.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Part I: Self-control, willpower and monomania -- 1. Basil and No Name -- 2. John Marchmont's Legacy -- Part II: Heredity and degeneration -- 3. The Lady Lisle -- 4. Armadale -- Part III: Education, environment and circumstance -- 5. Man and Wife -- 6. Lost for Love -- Conclusion -- Index
Sommario/riassunto	This book explores the ways in which the two leading sensation authors of the 1860s, Mary Elizabeth Braddon and Wilkie Collins, engaged with nineteenth-century ideas about personality formation and the extent to which it can be influenced either by the subject or by others. Innovative readings of seven sensation novels explore how they employ and challenge Victorian theories of heredity, degeneration, inherent constitution, education, upbringing and social circumstance.

Far from presenting a reductive depiction of 'nature' versus 'nurture', Braddon and Collins show the creation of character to be a complex interplay of internal and external factors. Drawing on material ranging from medical textbooks, to sociological treatises, to popular periodicals, *Creating character* shows how sensation authors situated themselves at the intersections of established and developing, conservative and radical, learned and sensationalist thought about how identity could be made and modified.
