1.
Record Nr.	UNINA9910464907203321
Titolo	Counter-hegemony and the postcolonial "other" [[electronic resource] /] / edited by Michael Hayes and Thomas Acton
Pubbl/distr/stampa	Newcastle, : Cambridge Scholars Press, 2006
ISBN	1-282-41395-3 9786612413957 1-4438-1473-3
Descrizione fisica	1 online resource (148 p.)
Altri autori (Persone)	HayesMichael ActonT. A (Thomas Alan)
Disciplina	305.8009415
Soggetti	International relations Electronic books.
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.
Nota di contenuto	TABLE OF CONTENTS; INTRODUCTION; CHAPTER ONE; CHAPTER TWO; CHAPTER THREE; CHAPTER FOUR; CHAPTER FIVE; CHAPTER SIX; CHAPTER SEVEN; CHAPTER EIGHT; CHAPTER NINE; CHAPTER TEN; CONTRIBUTORS
Sommario/riassunto	This volume hopes to act as a catalyst for some new and exciting areas of enquiry in the more "liminal" interstices of Irish Studies. Traveler Studies, Romani Studies and Diaspora and Migration Studies. These disciplines are all relatively new areas of enquiry in modern Ireland, a country whose society has witnessed very rapid and wide-ranging cultural and demographic change within the short space of a decade. The issue of multiculturalism is not one which is particularly new to Irish soci...

2. Record Nr.	UNINA9911003694303321
Autore	Borg Tommi
Titolo	Control Theory in Rheology : An Introduction to Practical Applications / / by Tommi Borg
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-88248-2
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XIII, 225 p. 123 illus., 59 illus. in color.)
Disciplina	531.1134
Soggetti	Rheology
	Mathematical physics
	Fluid mechanics
	Automatic control
	Materials science - Data processing
	Mathematical Methods in Physics
	Engineering Fluid Dynamics
	Control and Systems Theory
	Computational Materials Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1.Theoretical and Practical Rheology -- 2.The Principle of Control Theory (CT) -- 3.Basics of distribution Functions -- 4.Steady Shear Viscosity -- 5.Complex Viscosit -- 6.Relaxation Modulus -- 7. Converting RED function to MWD -- 8.From MWD to RED and back again -- 9.From measured viscosity data to MWD -- 10.Start-up and transient flow effects -- 11.Elongational viscosity -- 12.Temperature and viscoelastic relations -- 13.Computation Cases -- 14.Overview of the Unified Model -- 15.Hemorheological method for analyses -- 16. Comparison With other known models.
Sommario/riassunto	This book bridges the gap between theoretical rheology and practical industry applications by introducing Control Theory (CT) and the linear Unified Model. This approach enables the modelling and analysis of various viscoelastic flows as well as polymer and macromolecular structures. In practical engineering, the design of machinery and

equipment for polymers often relies on handbooks, respective textbooks, and numerous CAD-aided software tools based on empirical formulas. This book presents many useful viscoelastic constitutive equations for analysing and model shear and complex flows, relaxation modulus and spectrum, elongation, transient viscosity, and for computing the Molecular Weight Distribution (MWD) from viscoelastic measurements. The book adopts a counterintuitive approach, starting afresh and proceeding chronologically from steady-state viscosity and other flows relevant to practical engineering to the theoretical formulas of relaxation phenomena. It simplifies unnecessary complexity while still drawing on the well-documented motions of molecular chains. Furthermore, the book offers deeper insights into the background of power-law theories and the Cox-Merz rule, supplying new formulas for the relaxation modulus, spectrum, and various modules through the application of unified formulas. Professionals and scholars alike will find it a handy reference tool.