1. Record Nr. UNINA9910462931403321

Titolo	Anthropologists, indigenous scholars and the research endeavour : seeking bridges towards mutual respect / / edited by Joy Hendry and Laara Fitznor
Pubbl/distr/stampa	New York : , : Routledge, , 2012
ISBN	0-203-12213-5 1-283-86228-X 1-136-33116-6
Descrizione fisica	1 online resource (313 p.)
Collana	Routledge studies in anthropology ; ; v.5
Altri autori (Persone)	FitznorLaara HendryJoy
Disciplina	301.072
Soggetti	Anthropology - Research Indigenous peoples - Research Ethnoscience Communication in anthropology 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 and index.
Nota di contenuto	pt. I. History of the divergence and some ideas for reconciliation -- pt. II. Science and epistemology -- pt. III. Indigenous heritage and post-colonial museology -- pt. IV. The senses as a way of knowing and communicating -- pt. V. Writing and other forms of dissemination.
Sommario/riassunto	This collection offers the fruits of a stimulating workshop that sought to bridge the fraught relationship which sometimes continues between anthropologists and indigenous/native/aboriginal scholars, despite areas of overlapping interest. Participants from around the world share their views and opinions on subjects ranging from ideas for reconciliation, the question of what might constitute a universal ""science,"" indigenous heritage, postcolonial museology, the boundaries of the term ""indigeneity,"" different senses as ways of knowing, and the very issue of writing as a method of dissemi

2. Record Nr. UNINA9910299692803321

Autore	Binetruy Christophe
Titolo	Flows in Polymers, Reinforced Polymers and Composites : A Multi-Scale Approach / / by Christophe Binetruy, Francisco Chinesta, Roland Keunings
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-16757-X
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (151 p.)
Collana	SpringerBriefs in Applied Sciences and Technology, , 2191-530X
Disciplina	668.9
Soggetti	Mechanical engineering Building materials Computer science - Mathematics Polymers Mechanical Engineering Structural Materials Computational Science and Engineering Polymer Sciences
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 at the end of each chapters.
Nota di contenuto	Preface -- 1 Multi-scale modeling and simulation of polymer flow -- 1.1 Introduction -- 1.2 Macroscopic modeling and simulations -- 1.3 Multi-scale kinetic theory of viscoelastic flow -- 1.4 Micro-macro simulations using the stochastic approach -- 1.5 Micro-macro simulations using the Fokker-Planck approach -- 1.6 The impact of closure approximations -- 1.7 Illustrative examples of complex flow simulations -- 1.8 Discussion -- 1.9 Conclusions -- References -- 2 Complex flows of micro/nano structured fluids: Reinforced polymer composites -- 2.1 Introduction -- 2.2 Dilute and semi-dilute suspensions -- 2.3 Processing flow simulation -- 2.4 Concentrated suspensions involving rod clusters -- 2.5 Advanced topics -- References -- 3 Flows of simple fluids in complex microstructures -- 3.1 Introduction -- 3.2 Description of fibrous microstructures in composites -- 3.3 Governing equations for flows in porous media --

3.4 Flow of simple fluids in non-deformable fibrous microstructures -- 3.5 Flow of complex fluids in non-deformable fibrous microstructures -- 3.6 Numerical simulation -- References.

Sommario/riassunto

This book gives a detailed and practical introduction to complex flows of polymers and reinforced polymers as well as the flow of simple fluids in complex microstructures. Over the last decades, an increasing number of functional and structural parts, made so far with metals, has been progressively reengineered by replacing metallic materials by polymers, reinforced polymers and composites. The motivation for this substitution may be the weight reduction, the simpler, cheaper or faster forming process, or the ability to exploit additional functionalities. The present Brief surveys modern developments related to the multi-scale modeling and simulation of polymers, reinforced polymers, that involve a flowing microstructure and continuous fiber-reinforced composites, wherein the fluid flows inside a nearly stationary multi-scale microstructure. These developments concern both multi-scale modeling, defining bridges between the micro and macro scales - with special emphasis on the mesoscopic scale at which kinetic theory descriptions apply and advanced simulation techniques able to address efficiently the ever more complex and detailed models defined at different scales. This book is addressed to students (Master and doctoral levels), researchers and professionals interested in computational rheology and material forming processes involving polymers, reinforced polymers and composites. It provides a unique coverage of the state of the art in these multi-disciplinary fields.