

1. Record Nr.	UNINA9910438109703321
Autore	Phan-Thien Nhan
Titolo	Understanding Viscoelasticity : An Introduction to Rheology // by Nhan Phan-Thien
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
ISBN	3-642-32958-6
Edizione	[2nd ed. 2013.]
Descrizione fisica	1 online resource (207 p.)
Collana	Graduate Texts in Physics, , 1868-4513
Disciplina	620.11232
Soggetti	Fluids Polymers Mechanics Mechanics, Applied Amorphous substances Complex fluids Materials science Fluid- and Aerodynamics Polymer Sciences Solid Mechanics Soft and Granular Matter, Complex Fluids and Microfluidics Materials Science, general
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	Tensor Notation -- Rheological Properties -- Kinematics and Equations of Balance -- Constitutive Equation -- Inelastic Models and Linear Viscoelasticity -- Steady Viscometric Flows -- Polymer Solutions -- Suspensions -- DPD -- Problems.
Sommario/riassunto	This book presents an introduction to viscoelasticity; in particular, to the theories of dilute polymer solutions and dilute suspensions of rigid particles in viscous and incompressible fluids. These theories are important, not just because they apply to practical problems of industrial interest, but because they form a solid theoretical base upon which mathematical techniques can be built, from which more complex

theories can be constructed, to better mimic material behaviour. The emphasis is not on the voluminous current topical research, but on the necessary tools to understand viscoelasticity at a first year graduate level. The main aim is to provide a still compact book, sufficient at the level of first year graduate course for those who wish to understand viscoelasticity and to embark in modeling of viscoelastic multiphase fluids. To this end, a new chapter on Dissipative Particle Dynamics (DPD) was introduced which is relevant to model complex-structured fluids. All the basic ideas in DPD are reviewed, with some sample problems to illustrate the methodology.

2. Record Nr.	UNINA9910373879903321
Autore	Ullah A. K. M. Ahsan
Titolo	The Migration Myth in Policy and Practice : Dreams, Development and Despair / / by AKM Ahsan Ullah, Md Shahidul Haque
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2020
ISBN	981-15-1754-1
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (235 pages) : illustrations
Disciplina	325
Soggetti	Economics Emigration and immigration Developmental psychology Economic development Political Economy and Economic Systems Human Migration Developmental Psychology Development Studies
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1 Introduction: Migration -development debate -- Chapter 2 Underlying theoretical and methodological aspects -- Chapter 3 Migration: a long term alternative? -- Chapter 4 Extraordinary agents and expensive adventure -- Chapter 5 Political economy of migration

and social force -- Chapter 6 Conclusions: Inevitability of migration. .

Sommario/riassunto

This book investigates the long-term impact of migration on development, engaging in a thorough analysis of the pertinent factors in migration. Migration scholars and stakeholders have long placed emphasis on the necessity of migration for development. At the heart of this book is the question: Has migration made development necessary, or is it the other way around? While existing literature is predominantly occupied with positive impressions about the migration-development nexus, this book challenges associated pervasive generalizations about the impact of migration, indicating that migration has not impacted all regions equally. This volume thus grapples with the different extents to which migration has impacted development by delving into the social costs that migrants often pay in the long run. With empirical support, this book proffers that some countries are becoming over-dependent on migration. A excellent resource for both policymakers working on migration policy, and scholars in international relations, migration and development studies, this book presents a range of innovative ideas in relation to the remittance-development nexus. .
