

1. Record Nr.	UNISA996336467703316
Titolo	Journal of European studies
Pubbl/distr/stampa	[Karachi], : Area Study Centre for Europe, University of Karachi, 1985-
Descrizione fisica	1 online resource
Disciplina	940/.05
Soggetti	Civilization, Western History Periodicals. Europe History Periodicals Europe
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed

2. Record Nr.	UNINA9910346955203321
Autore	Lobos Fernández Mauricio
Titolo	Homogenization and materials design of mechanical properties of textured materials based on zeroth-, first- and second-order bounds of linear behavior
Pubbl/distr/stampa	KIT Scientific Publishing, 2018
ISBN	1000080683
Descrizione fisica	1 online resource (IX, 199 p. p.)
Collana	Schriftenreihe Kontinuumsmechanik im Maschinenbau / Karlsruher Institut für Technologie, Institut für Technische Mechanik - Bereich Kontinuumsmechanik
Soggetti	Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This work approaches the fields of homogenization and of materials design for the linear and nonlinear mechanical properties with prescribed properties-profile. The set of achievable properties is bounded by the zeroth-order bounds (which are material specific), the first-order bounds (containing volume fractions of the phases) and the second-order Hashin-Shtrikman bounds with eigenfields in terms of tensorial texture coefficients for arbitrarily anisotropic textured materials.