1. Record Nr. UNINA9910720879603321

Titolo	Development by Free Trade? : The Impact of the European Unions' Neoliberal Agenda on the North African Countries / / edited by Gisela Baumgratz-Gangl [and three others]
Pubbl/distr/stampa	Brussels : , : Peter Lang International Academic Publishing Group, , 2017
Descrizione fisica	1 online resource (286 pages)
Disciplina	382.71
Soggetti	Free trade
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	One year ago the negotiations between Tunisia and the European Union about a deep and comprehensive free trade agreement (DCFTA) had started in Tunis. Experts from both sides of the Mediterranean accepted to contribute to this book in order to foster the public debate in the North-African countries by informing actors of the civil society about the risks of this new generation of free trade agreements of the EU for the respective countries and their population. In fact, by analyzing the impact of the structural adjustment programs of the World Bank and the International Monetary Fund in Tunisia, Morocco and Algeria since the late 1980s followed up by the EU's free trade policy, the authors seriously doubt about the positive effects on development and prosperity promised by the promotors of free trade. They underline, on the contrary, that it is the EU which profits from the asymmetric power-relations in order to pursue its economic and especially its security interests related to "illegal migration". Publie un an apres le debut des negociations sur l'Accord de libre echange complet et approfondi (ALECA) entre la Tunisie et l'Union europeenne, cet ouvrage veut contribuer au debat public dans les pays concernes et alerter les acteurs de la societe civile sur les risques que comporte cette nouvelle generation des accords de libre-echange de l'UE. Les experts nord-africains et europeens reunis pour debattre des

		enjeux de la politique economique de l'UE vis-a-vis des pays de l'Afrique du Nord mettent serieusement en cause la promesse de developpement et de prosperite du libre-echange. Analysant l'impact de cette politique entamee par la Banque mondiale et le FMI depuis les annees 1980 en Tunisie, en Algerie et au Maroc et poursuivie par l'UE, ils soulignent au contraire que l'UE profite de l'asymetrie des relations de pouvoir pour poursuivre ses interets economiques et securitaires lies a la "migration illegale".

2.	Record Nr.	UNINA9911034863503321
	Autore	Liu Xiaozhou
	Titolo	Acoustic Radiation Force : Principles and Application in Medical Ultrasound / / by Xiaozhou Liu, Hairong Zheng
	Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
	ISBN	9789819531523 9789819531516
	Edizione	[1st ed. 2025.]
	Descrizione fisica	1 online resource (340 pages)
	Collana	Advances in Acoustics, , 3091-3381
	Altri autori (Persone)	ZhengHairong
	Disciplina	534
	Soggetti	Acoustics Ultrasonics Medical physics Biophysics Medical Physics Bioanalysis and Bioimaging
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Chapter 1: Acoustic Radiation Force on Spherical Particles by Gaussian Traveling Waves Based on Ray Acoustics -- Chapter 2: Acoustic Radiation Force on Spherical Particles by Spherically Focused Ultrasound Based on Ray Acoustics -- Chapter 3: Acoustic Radiation Force on Spherical Particles by Plane Waves and Gaussian Traveling Waves Based on Scattering Acoustics -- Chapter 4: Acoustic Radiation Force on Spherical Particles by Gaussian Standing Waves Based on

Scattering Acoustics -- Chapter 5: Acoustic Radiation Force on Multilayer Spherical Particles by Gaussian Traveling Waves Based on Scattering Acoustics -- Chapter 6: Acoustic Radiation Force of Other Sound Sources -- Chapter 7: The Influence of Boundaries on Acoustic Radiation Force -- Chapter 8: Acoustic Radiation Force Between Multiple Particles -- Chapter 9: Medical Applications of Acoustic Radiation Force.

Sommario/riassunto

This book provides a comprehensive overview of the acoustic radiation force on spherical particles. It explores the force exerted by Gaussian traveling waves and spherically focused ultrasound using the ray acoustics method. The book also discusses the force generated by plane waves and Gaussian traveling waves, using the acoustic scattering method. Additionally, it examines the effects of Gaussian standing waves and multi-layered spherical particles. Beyond these core topics, the book covers the acoustic radiation force from other sound sources. These include beams produced by hollow focused transducers and annular piston transducers, as well as zero-order quasi-Bessel Gaussian beams and Airy-Gauss beams. It also explains how boundaries impact the acoustic radiation force and the interactions between multiple particles. Finally, the book highlights the medical applications of acoustic radiation force. By covering these diverse aspects, the book inspires more in-depth and comprehensive research into using acoustic radiation force to manipulate particles. The book is suitable for upper undergraduate students and graduate students in acoustics, as well as researchers and professionals engaged in the study of ultrasound and medical imaging.