1.	Record Nr.	UNINA9910786626503321
	Autore	Abinader Jose Rafael
	Titolo	One World Currency : the globe / / Jose Rafael Abinader
	Pubbl/distr/stampa	Lanham, Maryland ; ; Plymouth, England : , : University Press of America, Inc., , 2014 ©2014
	ISBN	0-7618-6386-9
	Descrizione fisica	1 online resource (120 p.)
	Disciplina	332.450973
	Soggetti	Foreign exchange rates - United States Monetary policy - United States
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di contenuto	Contents; Prologue; Gratitudes; Introduction; 1 Setting Forth Motives; 2 Background; 3 Technical Assistance to Poor and Backward Countries; 4 Globalization and Trade; 5 Suggestions; 6 The Organization of Petroleum Exporting Countries (OPEC) and Currencies; 7 Monetary Disarray; 8 The Asian Crisis; 9 Resistance to Change; 10 The Globe and the New Administration; 11 The International Labor Organization (ILO), Salaries, and Social Security; 12 Change in Economic Theory; 13 Creation of the Globe; 14 Currency for Reserves and Financing
	Sommario/riassunto	One World Currency presents a serious study about the need for a single stable currency with timely, historical references and skillful economic analysis by noted economist Jose Rafael Abinader. This book describes the means for the design, implementation, and administration for such a currency.

2.	Record Nr.	UNINA9910820990503321
	Autore	Sonnenschein Bernard
	Titolo	Collective dynamics in complex networks of noisy phase oscillators : towards models of neuronal network dynamics / / von M.Sc. Bernard Sonnenschein
	Pubbl/distr/stampa	Berlin : , : Logos Verlag Berlin, , [2016] ©2016
	ISBN	3-8325-8825-6
	Descrizione fisica	1 online resource (vi, 118 pages)
	Disciplina	531.32015118
	Soggetti	Oscillations - Mathematical models
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	PublicationDate: 20161121
	Nota di bibliografia	Includes bibliographical references.
	Sommario/riassunto	Long description: This work aims to contribute to our understanding of the effects of noise and non-uniform interactions in populations of oscillatory units. In particular, we explore the collective dynamics in various extensions of the Kuramoto model. We develop a theoretical framework to study such noisy systems and we show through many examples that indeed new insights can be gained with our method. The first step is to coarse-grain the complex networks. The oscillatory units are then characterized solely by their individual quantities, so that identical units can be grouped together. The second step consists of the ansatz that in all these groups the distributions of the oscillators' phases follow time-dependent Gaussians. We apply this analytical two-step method to oscillator networks with correlations between coupling strengths and natural frequencies, to populations with mixed positive and negative coupling strengths, and to noise-driven active rotators, which can perform excitable dynamics. We calculate the rich phase diagrams that delineate the emergent rhythms. Extensive numerical simulations are performed to show both the validity and the limitations of our theoretical results.