

1. Record Nr.	UNINA9910806166303321
Autore	Popkov Yuri S.
Titolo	Mathematical demoeconomy : integrating demographic and economic approaches // Yuri S. Popkov
Pubbl/distr/stampa	Berlin, [Germany] ; ; Boston, [Massachusetts] : , : De Gruyter, , 2014 ©2014
ISBN	3-11-037084-0 3-11-033916-1 3-11-033917-X
Descrizione fisica	1 online resource (514 p.)
Disciplina	304.601/5195
Soggetti	Population - Economic aspects Demography - Economic aspects
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	Frontmatter -- Preface -- Contents -- Part I: General principles of demoeconomics -- 1. The population-economy system -- 2. Probabilistic techniques in demoeconomic forecasting -- Part II: Foundations of spatial demography -- 3. The population system -- 4. Demographic characteristics of fertility -- 5. Demographic characteristics of mortality -- 6. Demographic characteristics of migration -- 7. Macrosystem models of population dynamics -- Part III: Foundations of spatial economics -- 8. Modeling economics -- 9. Evolutionary economics -- 10. Self-organization in economic systems -- 11. Spatial interaction of economic systems -- 12. Selected models of spatial macroeconomics -- 13. Fluctuations in models of spatial economics -- Part IV: Macrosystem models of demoeconomics -- 14. Macrosystems concept in demoeconomics -- 15. One-sector macrosystem demoeconomic model (MSDEM) -- 16. Macrosystem demoeconomic model with regional localization of sectors (branches) Ns MSDEM -- 17. Macrosystem model of labour market -- 18. Probabilistic macrosystem demoeconomic model -- Part V: Mathematical appendices -- A. Some theorems of implicit functions -- B. Estimating the local Lipschitz Constant of the entropy operator $B_{v,q}$

-- C. Estimating the local Lipschitz Constant of the entropy operator  $F_{v,q}$  -- D. Zero-order multiplicative algorithms for positive solutions to nonlinear equations -- E. Multiplicative algorithms for positive solutions to entropy-quadratic programming problems -- Bibliography -- Index

**Sommario/riassunto**

This monograph aspires to lay the foundations of a new scientific discipline, demoeconomics, representing the synthesis of demography and spatial economics. This synthesis is performed in terms of interaction between population and its economic activity. The monograph appears a unique research work having no analogs in scientific literature. Demoeconomic systems are studied involving the macrosystems approach which combines the generalized entropy maximization principle and the local equilibria principle. Demoeconomic systems operate in an uncertain environment; thus and so, the monograph develops the methodology and technique of probabilistic modeling and forecasting of their evolution.

2. Record Nr.	UNISA996582063603316
Autore	Silverthorne Colin P (Colin Patric)
Titolo	Organizational psychology in cross-cultural perspective [[electronic resource] /] / Colin P. Silverthorne
Pubbl/distr/stampa	New York, N.Y., : New York University Press, c2005
ISBN	0-8147-3986-5 0-8147-8658-8 1-4294-1420-0
Edizione	[1st ed.]
Descrizione fisica	1 online resource (351 p.)
Disciplina	158.7
Soggetti	Psychology, Industrial Organizational behavior Personnel management Intercultural communication
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 (p. 265-320) and indexes.

**Nota di contenuto** Introduction -- Foundations of organization and culture -- Culture and organizations -- Organizational and national culture -- Leadership in organizations -- Leadership in other cultures -- Work motivation -- Managerial values and skills -- The impact of cultural values on problem solving, teams, gender, stress, and ethics -- Job satisfaction and organizational commitment -- Conflict and power -- Communication and negotiation -- Personnel psychology and human resource management -- Some final thoughts.

**Sommario/riassunto** The last two decades have seen an explosive increase in the ethnic diversity of the workforce, growth in international business, and the emergence of many more multinational companies. The potential for problems as companies operate across borders and managers manage in countries which have different values, norms and cultural behaviors is great. By looking at organizational psychology in a cross-cultural context, we can gain an understanding of the challenges facing organizations and business today. This text breaks new ground in introducing organizational psychology from a cross cultural per

<b>3. Record Nr.</b>	UNINA9910349517903321
<b>Titolo</b>	Nanocomposites, Nanostructures, and Their Applications : Selected Proceedings of the 6th International Conference Nanotechnology and Nanomaterials (NANO2018), August 27-30, 2018, Kyiv, Ukraine // edited by Olena Fesenko, Leonid Yatsenko
<b>Pubbl/distr/stampa</b>	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
<b>ISBN</b>	3-030-17759-9
<b>Edizione</b>	[1st ed. 2019.]
<b>Descrizione fisica</b>	1 online resource (xxi, 610 pages) : illustrations
<b>Collana</b>	Springer Proceedings in Physics, , 1867-4941 ; ; 221
<b>Disciplina</b>	620.5
<b>Soggetti</b>	Nanoscience Nanotechnology Microtechnology Microelectromechanical systems Lasers Nanophysics Microsystems and MEMS Laser
<b>Lingua di pubblicazione</b>	Inglese

Formato

Materiale a stampa

Livello bibliografico

Monografia

Nota di contenuto

PartI: Nanocomposites and Nanostructures -- Chapter1: A Microscopic Description of Spin Dynamics in Magnetic Multilayer Nanostructures -- Chapter2: Development of the nano mineral phases at the steel-bentonite interface in time of the evolution of geological repository for radioactive waste -- Chapter3: Development of a controlled in-situ process for the formation of porous anodic alumina and Al nanomesh from thin aluminum films -- Chapter4: Electrooxidation of ethanol on nickel-copper multilayer metal hydroxide electrode -- Chapter5: Metal surface engineering based on formation of nanoscaled phase protective layers -- Chapter6: Electrical Conductivity and  $^7\text{Li}$  NMR Spin-Lattice Relaxation in Amorphous, Nano- and Microcrystalline  $\text{Li}_2\text{O}-7\text{GeO}_2$  -- Chapter7: Influence of surface ultrafine grain structure on cavitation erosion damage resistance -- Chapter8: The effect of mechanochemical and ultrasonic treatments on the properties of composition  $\text{CeO}_2-\text{MoO}_3=1:1$  -- Chapter9: Behavior of tempered surface nanocrystalline structures obtained by mechanical-pulse treatment -- Chapter10: Nano-sized Adsorbate Islands Formation in Adsorptive Anisotropic Multi-layer Systems -- Chapter11: The effect of ultrasonic treatment on the physico-chemical properties of  $\text{ZnO}/\text{MoO}_3$  system -- Chapter12: Hybrid nanocomposites synthesized into stimuli responsive polymer matrices: synthesis and applications prospects -- chapter13: Preparation and complex study of thick films based on nanostructured  $\text{Cu}_{0.1}\text{Ni}_{0.8}\text{Co}_{0.2}\text{Mn}_{1.9}\text{O}_4$  and  $\text{Cu}_{0.8}\text{Ni}_{0.1}\text{Co}_{0.2}\text{Mn}_{1.9}\text{O}_4$  ceramics -- Chapter14: Nanoscale investigation of porous structure in adsorption-desorption cycles in the  $\text{MgO}-\text{Al}_2\text{O}_3$  ceramics -- Chapter15: Structure, morphology and spectroscopy studies of  $\text{La}_{1-x}\text{RE}_x\text{VO}_4$  nanoparticles synthesized by various methods -- Chapter16: Investigation the conditions of synthesis of aluminonickel spinel -- Chapter17: IV-VIB groups metals borides and carbides nanopowders corrosion resistance in nickeling electrolytes -- Chapter18: Hydrodynamic and Thermodynamic Conditions for Obtaining a Nanoporous Structure of Ammonium Nitrate Granules in Vortex Granulators -- Chapter19: Nanostructured mixed oxide coatings on silumin incorporated by cobalt -- Chapter20: Effect of carbon nanofillers on processes of structural relaxation in the polymer matrixes -- chapter21: Simulation of tunneling conductivity and controlled percolation in 3D nanotube-insulator composite system -- Chapter22: Radiation-stimulated formation of polyene structures in polyethylene nanocomposites with multi-walled carbon nanotubes -- Chapter23: Theoretical analysis of metal salt crystallization process on the thermoexfoliated and disperse graphite -- Chapter24: Modeling of dielectric permittivity of polymer composites with mixed fillers -- Chapter25: Nanostructural effects in Iron-oxide-silicate materials of Earth crust -- Chapter26: Two-dimensional ordered crystal structure formed by chain molecules in the pores of solid matrix -- Chapter27: Joint Electroreduction of Carbonate and Tungstate Ions as the Base for Tungsten Carbide Nanopowders Synthesis in Ionic Melts -- Chapter28: The kinetics peculiarities and the electrolysis regime effect on the morphology and phase composition of Fe-Co-W(Mo) coatings -- Chapter29: Dispersing of Molybdenum Nanofilms at the Non-metallic Materials as a Result of Their Annealing in Vacuum -- PartII: Applications -- Chapter30: Effective Hamiltonians for magnetic ordering within periodic Anderson-Hubbard model for quantum dot

array -- Chapter31: PET Ion-Track Membranes: Formation Features and Basic Applications -- Chapter32: Impact of carbon nanotubes on HDL-like structures – computer simulations -- Chapter33: Approximation of a simple rectangular lattice for a conduction electron in grapheme -- Chapter34: Simulation of the formation of a surface nanocrater under the action of high-power pulsed radiation -- Chapter35: Ballistic transmission of the Dirac quasielectrons through the barrier in the 3D topological insulators -- Chapter36: The Perspective Synthesis Methods and Research of Nickel Ferrites -- Chapter37: Electron irradiation of carbon nanotubes -- Chapter38: Influence of Irradiation with Deuterium Ions on the Magnetic Properties and Structure of Nickel -- Chapter39: Formation of VI-B group metals silicides from molten salts -- Chapter40: The structure of reinforced layers of the Complex Method -- Chapter41: Technology and the Main Technological Equipment of the Process to Obtain  $N_4HNO_3$  with Nanoporous Structure -- Chapter42: Study of Structural Changes in a Nickel Oxide Containing Anode Material during Reduction and Oxidation at  $600^\circ C$ . .

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### Sommario/riassunto

This book highlights some of the latest advances in nanotechnology and nanomaterials from leading researchers in Ukraine, Europe, and beyond. It features contributions from participants in the 6th International Science and Practice Conference Nanotechnology and Nanomaterials (NANO2018) in Kiev, Ukraine on August 27-30, 2018 organized by the Institute of Physics of the National Academy of Sciences of Ukraine, University of Tartu (Estonia), University of Turin (Italy), and Pierre and Marie Curie University (France). Internationally recognized experts from a wide range of universities and research institutions share their knowledge and key results on material properties, behavior, and synthesis. This book's companion volume also addresses topics such as nanooptics, energy storage, and biomedical applications.

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