

1. Record Nr.	UNINA9910337637703321
Autore	Yu F. Richard
Titolo	Deep Reinforcement Learning for Wireless Networks // by F. Richard Yu, Ying He
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-10546-6
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (78 pages)
Collana	SpringerBriefs in Electrical and Computer Engineering, , 2191-8112
Disciplina	006.31
Soggetti	Wireless communication systems Mobile communication systems Artificial intelligence Electrical engineering Wireless and Mobile Communication Artificial Intelligence Communications Engineering, Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This Springerbrief presents a deep reinforcement learning approach to wireless systems to improve system performance. Particularly, deep reinforcement learning approach is used in cache-enabled opportunistic interference alignment wireless networks and mobile social networks. Simulation results with different network parameters are presented to show the effectiveness of the proposed scheme. There is a phenomenal burst of research activities in artificial intelligence, deep reinforcement learning and wireless systems. Deep reinforcement learning has been successfully used to solve many practical problems. For example, Google DeepMind adopts this method on several artificial intelligent projects with big data (e.g., AlphaGo), and gets quite good results.. Graduate students in electrical and computer engineering, as well as computer science will find this brief useful as a study guide. Researchers, engineers, computer scientists, programmers, and policy makers will also find this brief to be a useful tool. .

2. Record Nr.	UNINA9910917784703321
Autore	Devezas Tessaleno
Titolo	Global Energy Transition and Sustainable Development Challenges, Vol. 1 : Models and Regions // edited by Tessaleno Devezas, João Leitão, Askar Sarygulov, David J. LePoire, Bulat Khusainov
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031675836 3031675835
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (219 pages)
Collana	World-Systems Evolution and Global Futures, , 2522-0993
Altri autori (Persone)	LeitãoJoão SarygulovAskar LePoireDavid J KhusainovBulat
Disciplina	333.79
Soggetti	Energy policy Power resources Environmental policy Economic development Electric power distribution Energy System Transformation Natural Resource and Energy Economics Environmental Policy Economic Growth Energy Policy, Economics and Management Energy Grids and Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. The Greening of the Global South? Analyzing World Values Survey and European Values Survey Data on Environmental Movements in 88 Countries and Territories From 2017-2021 -- Chapter 2. Creative Regulatory Environments: Sandboxes at the Intersection of Regulation and Innovation in an Era of Transition -- Chapter 3. Examining the Behavior of the Kuznets Curve Under Economic Policy Uncertainty Conditions Using the Stochastic Frontier Analysis: Evidence From Eleven

Selected Countries -- Chapter 4. Carbon Intensity of Products Under the EU CBAM: Assessment of Russia's Competitiveness Based on Inter-country Analysis -- Chapter 5. Inclusive Growth of National Economies and New Energy Paradigm -- Chapter 6. Solutions to the Problems of Transition to Green Energy in Kazakhstan -- Chapter 7. How Natural Resources, Corruption, Globalization and Co2 Emissions Affect the Economic Growth in Europe? -- Chapter 8. The Problem of Regional Energy Scarcity in Europe -- Chapter 9. Policy, Market, and Skills Barriers to Heat Pump Deployment in the United Kingdom -- Chapter 10. Paving the Way for Sustainable Development in Small Island Developing States: Insights From Cape Verde's Energy Transitions.

Sommario/riassunto

This two-volume book presents the challenges of the global energy transition, offering a comprehensive exploration of the policies and drivers shaping the pace and trajectory of this transformation. Highlighting regional development, the book shows how different models and scenarios of energy transition emerge. It discusses important factors, such as materials and technologies, shedding light on the opportunities and constraints for the energy transition. Global warming and climate change influenced the change in people's consciousness and their awareness of the need for more limited use of hydrocarbon resources. Changes in weather conditions, rising sea levels, and destructive climate events such as hurricanes, forest fires, droughts, floods, etc. have become more frequent. Many countries around the world, reacting to these changes, have developed long-term plans to actively replace fossil fuels - gas, oil, and coal with renewable energy sources, mainly solar and wind. However, the low replacement rates observed in the global energy sector over the past 30 years raise the question of how far the decarbonization scenarios and models being implemented by many countries bring us closer to the ultimate goal of creating an economy with a low carbon footprint. Seeking answers, the volumes feature 22 chapters split across the two books, which in detail discuss various aspects of the energy transition and their impact on the sustainability of economic development and the future of energy. This first volume, "Models and Regions," focuses on regional disparities and economic drivers, presenting case studies from different regions in 10 chapters.
