1. Record Nr. UNINA9910822399703321

Autore	Corsi Maria <1976->
Titolo	Urbanization in Viking age and Medieval Denmark : from landing place to town / / Maria R. D. Corsi [[electronic resource]]
Pubbl/distr/stampa	Amsterdam : , : Amsterdam University Press, , 2020
ISBN	90-485-3870-X
Descrizione fisica	1 online resource (263 pages) : digital, PDF file(s)
Collana	The early Medieval North Atlantic
Disciplina	307.760948
Soggetti	Urbanization - Denmark - History Cities and towns, Medieval - Denmark Vikings - Denmark - History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 20 Nov 2020).
Nota di bibliografia	Includes bibliographical references (pages [231]-255) and index.
Nota di contenuto	Productive sites and landing places -- The emporia network -- New forms of urbanization (c. 950-c.1050) -- Urbanization c. 1050-1200 -- Urbanization to 1350.
Sommario/riassunto	This study traces the history of urbanization in Denmark from c. 500-1350 and explores how interconnected political, religious, economic factors were instrumental in bringing about the growth of towns. Prior to urban development, certain specialized sites such as elite residences and coastal landing places performed many of the functions that would later be taken over by medieval towns. Fundamental changes in political power, the coming of Christianity, and economic development over the course of the Viking and Middle Ages led to the abandonment of these sites in favour of new urban settlements that would come to form the political, religious, and economic centres of the medieval kingdom. Bringing together both archaeological and historical sources, this study illustrates not only how certain cultural and economic shifts were crucial to the development of towns, but also the important role urbanization had in the transition from Viking to medieval Denmark.

2. Record Nr. UNINA9910407726003321

Titolo	Artificial Intelligence Techniques for a Scalable Energy Transition : Advanced Methods, Digital Technologies, Decision Support Tools, and Applications / / Moamar Sayed-Mouchaweh, editor
Pubbl/distr/stampa	Cham : , : Springer, , [2020] ©2020
ISBN	3-030-42726-9 9783030427269
Descrizione fisica	1 online resource (383 pages) : illustrations
Disciplina	363.70028563
Soggetti	Artificial intelligence - Engineering applications Power resources - Data processing Electrical engineering Computational intelligence Artificial intelligence Data mining Big data Communications Engineering, Networks Computational Intelligence Artificial Intelligence Data Mining and Knowledge Discovery Big Data/Analytics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Definition, motivation and impact of digitalization in energy transition -- Definition of a general scheme (layers) of a digitalized system in energy transition -- Challenges of digitalization in energy transition -- Artificial Intelligence for energy transition -- General principals and classification of Artificial Intelligence techniques for energy transition -- Artificial Intelligence for Smart Energy Management -- Smart energy management (intrusive and non-intrusive load monitoring) -- Artificial Intelligence for Cyber Security and Privacy

	-- Artificial Intelligence for Mobility and Electrical Vehicles -- Mobility and electrical vehicles -- Artificial Intelligence for Micro Grid Operations and Dynamic Pricing Revenue Management -- Micro Grid operations and Dynamic Pricing Revenue Management -- Artificial Intelligence for Renewable Energy Penetration and Demand Side Management -- Renewable Energy Penetration and Demand Side Management -- Emerging Trends, Open problems, and Future Challenges -- Conclusion.
Sommario/riassunto	This book presents research in artificial techniques using intelligence for energy transition, outlining several applications including production systems, energy production, energy distribution, energy management, renewable energy production, cyber security, industry 4.0 and internet of things etc. The book goes beyond standard application by placing a specific focus on the use of AI techniques to address the challenges related to the different applications and topics of energy transition. The contributions are classified according to the market and actor interactions (service providers, manufacturers, customers, integrators, utilities etc.), to the SG architecture model (physical layer, infrastructure layer, and business layer), to the digital twin of SG (business model, operational model, fault/transient model, and asset model), and to the application domain (demand side management, load monitoring, micro grids, energy consulting (residents, utilities), energy saving, dynamic pricing revenue management and smart meters, etc.). Uses examples and applications to facilitate the understanding of AI techniques for scalable energy transitions Includes examples, problems, and techniques in order to increase transparency and understanding of the methodological concepts Dedicated to researchers, practitioners, and operators working with industrial systems.