1. Record Nr. UNISA996418258003316

Autore	Jacob Maria
Titolo	Forecasting and Assessing Risk of Individual Electricity Peaks [[electronic resource] /] / by Maria Jacob, Cláudia Neves, Danica Vukadinovi Greetham
Pubbl/distr/stampa	Cham, : Springer Nature, 2020 Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-28669-X
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XII, 97 p. 38 illus., 35 illus. in color.)
Collana	SpringerBriefs in Mathematics of Planet Earth, Weather, Climate, Oceans, , 2509-7326
Disciplina	519
Soggetti	Mathematics Statistics Energy efficiency Algorithms Energy systems Mathematics of Planet Earth Statistical Theory and Methods Energy Efficiency Energy Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- Introduction -- Short Term Load Forecasting -- Extreme Value Theory -- Extreme Value Statistics -- Case Study -- References -- Index.
Sommario/riassunto	The overarching aim of this open access book is to present self-contained theory and algorithms for investigation and prediction of electric demand peaks. A cross-section of popular demand forecasting algorithms from statistics, machine learning and mathematics is presented, followed by extreme value theory techniques with examples. In order to achieve carbon targets, good forecasts of peaks are essential. For instance, shifting demand or charging battery depends on correct demand predictions in time. Majority of forecasting

	algorithms historically were focused on average load prediction. In order to model the peaks, methods from extreme value theory are applied. This allows us to study extremes without making any assumption on the central parts of demand distribution and to predict beyond the range of available data. While applied on individual loads, the techniques described in this book can be extended naturally to substations, or to commercial settings. Extreme value theory techniques presented can be also used across other disciplines, for example for predicting heavy rainfalls, wind speed, solar radiation and extreme weather events. The book is intended for students, academics, engineers and professionals that are interested in short term load prediction, energy data analytics, battery control, demand side response and data science in general. .

2.	Record Nr.	UNINA9910790698603321
	Autore	Sadeghi Behnam <1969->
	Titolo	The logic of law-making in Islam : women and prayer in the legal tradition / / Behnam Sadeghi
	Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2013
	ISBN	1-139-88831-5 1-139-79378-0 1-139-78340-8 1-107-52978-6 1-139-77637-1 1-139-78240-1 0-511-92050-4 1-139-77941-9 1-139-77789-0
	Descrizione fisica	1 online resource (xxi, 215 pages) : digital, PDF file(s)
	Collana	Cambridge studies in Islamic civilization
	Classificazione	HIS026000
	Disciplina	297.3/82082
	Soggetti	Islamic law - Methodology Islamic law - Philosophy Islamic law - Interpretation and construction
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	A general model -- Preliminaries -- Women praying with men : adjacency -- Women praying with women -- Women praying with men : communal prayers -- The historical development of Hanafi reasoning -- From laws and values -- The logic of law making -- Appendix. The authenticity of early Hanafi texts : two books of al-Shaybani.
Sommario/riassunto	This pioneering study examines the process of reasoning in Islamic law. Some of the key questions addressed here include whether sacred law operates differently from secular law, why laws change or stay the same and how different cultural and historical settings impact the development of legal rulings. In order to explore these questions, the author examines the decisions of thirty jurists from the largest legal tradition in Islam: the Hanafi school of law. He traces their rulings on the question of women and communal prayer across a very broad period of time - from the eighth to the eighteenth century - to demonstrate how jurists interpreted the law and reconciled their decisions with the scripture and the sayings of the Prophet. The result is a fascinating overview of how Islamic law has evolved and the thinking behind individual rulings.