1. Record Nr. UNISA996385946103316 Ludlow Edmund <fl. 1691-1692.> Autore Truth brought to light, or, The gross forgeries of Dr. Hollingworth Titolo [[electronic resource]]: in his pamphlet intituled, The character of King Charles the First, from the declaration of Mr. Alexander Henderson, &c. detected: being a vindication of Mr. Henderson and Dr. Walker, from the Aldgate chaplain's vile scandals : to which is annex'd, a manifest proof that Dr. Gauden (not King Charles I) was the author of Icon basilice, by a late happy discovery of his original papers upon that occasion / / in a letter from Lieut. General Ludlow to Dr. Hollingworth London, : [s.n.], 1693 Pubbl/distr/stampa Descrizione fisica 40 p Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Reproduction of original in Huntington Library. The work of a republican pamphleteer who wrote under the name of General Ludlow. cf. Article on Richard Hollingworth, DNB.

eebo-0113

Sommario/riassunto

Record Nr. UNINA9910864196803321 Autore Xie Rui Titolo Distributionally Robust Optimization and its Applications in Power System Energy Storage Sizing / / by Rui Xie, Wei Wei Singapore:,: Springer Nature Singapore:,: Imprint: Springer,, 2024 Pubbl/distr/stampa **ISBN** 981-9725-66-6 [1st ed. 2024.] Edizione Descrizione fisica 1 online resource (461 pages) Altri autori (Persone) WeiWei Disciplina 621.31 Soggetti Electric power production Mathematical models Operations research **Electrical Power Engineering** Mathematical Modeling and Industrial Mathematics Operations Research and Decision Theory Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Introduction -- Preliminary -- Basic Distributionally Robust Optimization -- Moment-Based Distributionally Robust Optimization -- Divergence Distributionally Robust Optimization -- Wasserstein-Distance Distributionally Robust Optimization. This book introduces the mathematical foundations of distributionally Sommario/riassunto robust optimization (DRO) for decision-making problems with ambiguous uncertainties and applies them to tackle the critical challenge of energy storage sizing in renewable-integrated power systems, providing readers with an efficient and reliable approach to

> analyze and design real-world energy systems with uncertainties. Covering a diverse range of topics, this book starts by exploring the necessity for energy storage in evolving power systems and examining

> Subsequently, the cutting-edge mathematical theory of distributionally robust optimization is presented, including both the general theory and moment-based, KL-divergence, and Wasserstein-metric distributionally

various practical energy storage sizing scenarios, such as stand-alone

the benefits of employing distributionally robust optimization.

robust optimization theories. The techniques are then applied to

microgrids, large-scale renewable power plants, bulkpower grids, and multi-carrier energy networks. This book offers clear explanations and accessible guidance to bridge the gap between advanced optimization methods and industrial applications. Its interdisciplinary scope makes the book appealing to researchers, graduate students, and industry professionals working in electrical engineering and operations research, catering to both beginners and experts.