1. Record Nr. UNINA9910715016403321

Autore	Turner M. J.
Titolo	Aerodynamic coefficients for an oscillating airfoil with hinged flap, with tables for a Mach number of 0.7 / / by M. J. Turner and S. Rabinowitz
Pubbl/distr/stampa	Washington, [D.C.] : , : National Advisory Committee for Aeronautics, , 1950
Descrizione fisica	1 online resource (46 pages) : illustrations
Collana	Technical notes / National Advisory Committee for Aeronautics ; ; No. 2213
Soggetti	Aerofoils Flaps (Airplanes) Lift (Aerodynamics) Pitching (Aerodynamics) Hinge moments (Aerodynamics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"October 1950" No Federal Depository Library Program (FDLP) item number.
Nota di bibliografia	Includes bibliographical references (page 19).

2. Record Nr. UNINA9910404088803321

Autore	Mottola Fabio
Titolo	Distributed Energy Storage Devices in Smart Grids
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2020
ISBN	3-03928-435-5
Descrizione fisica	1 online resource (148 p.)
Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Energy storage systems have been recognized as viable solutions for implementing the smart grid paradigm, but have created challenges in terms of load levelling, integrating renewable and intermittent sources, voltage and frequency regulation, grid resiliency, improving power quality and reliability, reducing energy import during peak demand periods, and so on. In particular, distributed energy storage addresses a wide range of the above potential issues, and it is gaining attention from customers, utilities, and regulators. Distributed energy storage has considerable potential for reducing costs and improving the quality of electric services. However, installation costs and lifespan are the main drawbacks to the wide diffusion of this technology. In this context, a serious challenge is the adoption of new techniques and strategies for the optimal planning, control, and management of grids that include distributed energy storage devices. Regulatory guidance and proactive policies are urgently needed to ensure a smooth rollout of this technology. This book collects recent contributions of methodologies applied to the integration of distributed energy storage devices in smart power systems. Several areas of research (optimal siting and sizing of energy storage systems, adaption of energy storage systems to load leveling and harmonic compensation, integration for electric vehicles, and optimal control systems) are investigated in the contributions collected in this book.