

1. Record Nr.	UNINA9910557894603321
Autore	Kotsampopoulos Panos
Titolo	Advancements in Real-Time Simulation of Power and Energy Systems
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (306 p.)
Soggetti	Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Modern power and energy systems are characterized by the wide integration of distributed generation, storage and electric vehicles, adoption of ICT solutions, and interconnection of different energy carriers and consumer engagement, posing new challenges and creating new opportunities. Advanced testing and validation methods are needed to efficiently validate power equipment and controls in the contemporary complex environment and support the transition to a cleaner and sustainable energy system. Real-time hardware-in-the-loop (HIL) simulation has proven to be an effective method for validating and de-risking power system equipment in highly realistic, flexible, and repeatable conditions. Controller hardware-in-the-loop (CHIL) and power hardware-in-the-loop (PHIL) are the two main HIL simulation methods used in industry and academia that contribute to system-level testing enhancement by exploiting the flexibility of digital simulations in testing actual controllers and power equipment. This book addresses recent advances in real-time HIL simulation in several domains (also in new and promising areas), including technique improvements to promote its wider use. It is composed of 14 papers dealing with advances in HIL testing of power electronic converters, power system protection, modeling for real-time digital simulation, co-simulation, geographically distributed HIL, and multiphysics HIL, among other topics.</p>

2. Record Nr.	UNINA9910966841403321
Titolo	Lantbrukets och landsbygdens framtida roller
Pubbl/distr/stampa	København. : , : Nordisk Ministerrad, , 2004
Edizione	[First edition.]
Descrizione fisica	1 online resource (151 pages)
Collana	TemaNord, , 0908-6692 ; ; 2004:516.
Disciplina	630
Soggetti	Rural development Farm structure Sweden Denmark Finland Norway Iceland Lantbruk Agriculture
Lingua di pubblicazione	Molteplice
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Intro -- Innehåll -- Förord -- Sammanfattning -- Yhteenveto raportista -- Summary -- Inledning -- 1 Ländervisa analyser -- 2 Fördjupade analyser -- 3 Rapport från seminarium i Sigtuna 3-4 november 2003 -- 4 Sammanfattande analys -- Nordisk Ministerråds og Nordisk Råds publikationer kan bestilles hos:.