

1. Record Nr.	UNISALENTO991001088629707536
Autore	Goody, Roy W.
Titolo	MicroSim PSpice for Windows / Roy W. Goody
Pubbl/distr/stampa	Upper Saddle River, NJ : Prentice-Hall, 1998
ISBN	0136557961 (Vol. 1) 0136558046 (Vol. 2)
Edizione	[2nd ed.]
Descrizione fisica	2 v. (447, 328 p.) : ill. ; 28 cm.
Classificazione	621.3.1 621.3815'01'135369 TK454.G66
Soggetti	Electric circuit-Computer simulation Electronic circuit-Computer simulation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Vol. 1 : A circuit simulation primer. Vol. 2 : Operational amplifiers and digital circuits.

2. Record Nr.	UNINA9910557427803321
Autore	Quartarone Eliana
Titolo	Recent Advances in Post-Lithium Ion Batteries
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (116 p.)
Soggetti	Research & information: general Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Lithium ion batteries (LIBs) are efficient storage systems for portable electronic devices, electrical power grids, and electrified transportation due to their high-energy density and low maintenance requirements. After their launch into the market in 1990s, they immediately became the dominant technology for portable systems. The development of LiBs for electric drive vehicles has been, in contrast, rather incremental. There are several critical issues, such as an energy density, system safety, cost, and environmental impact of the battery production processes, that remain challenges in the automotive field. In order to strengthen the LiB's competitiveness and affordability in vehicle technology, the necessity of game-changer batteries is urgent. Recently, a novel approach going beyond Li batteries has become rapidly established. Several new chemistries have been proposed, leading to better performances in terms of energy density, long-life storage capability, safety, and sustainability. However, several challenges, such as a thorough understanding of mechanisms, cell design, long-term durability, and safety issues, have not yet been fully addressed. This book collects some recent developments and emerging trends in the field of "post-lithium" batteries, covering both fundamental and applied aspects of next-generation batteries</p>