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Titolo	Electrochemical power sources : batteries, fuel cells, and supercapacitors // Vladimir S. Bagotsky, Alexander M. Skundin, Yuriy V. Volfkovich
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ISBN	1-5231-1064-3 1-118-94253-1 1-118-94251-5 1-118-94285-X
Descrizione fisica	1 online resource (815 p.)
Collana	Electrochemical Society Series
Altri autori (Persone)	VolfkovichYuriy M. <1940->
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Soggetti	Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	<p>""2.3 The Zinc Electrode in Alkaline Solutions""""2.4 Alkaline Manganesea€Zinc Batteries""; ""2.5 Lead Acid Batteries""; ""2.6 Alkaline Nickel Storage Batteries""; ""2.7 Silvera€Zinc Batteries""; ""References""; ""Monographs and Reviews""; ""Chapter 3: Performance""; ""3.1 Electrical Characteristics of Batteries""; ""3.2 Electrical Characteristics of Storage Batteries""; ""3.3 Comparative Characteristics""; ""3.4 Operational Characteristics""; ""References""; ""Chapter 4: Miscellaneous Batteries""; ""4.1 Mercurya€Zinc Batteries""; ""4.2 Compound Batteries"" ""4.3 Batteries with Water as Reactant""""4.4 Standard Cells""; ""4.5 Reserve Batteries""; ""Reference""; ""Reviews and Monographs""; ""Chapter 5: Design and Technology""; ""5.1 Balance in Batteries""; ""5.2 Scale Factors""; ""5.3 Separators""; ""5.4 Sealing""; ""5.5 Ohmic Losses""; ""5.6 Thermal Processes in Batteries""; ""Chapter 6: Applications of Batteries""; ""6.1 Automotive Equipment Starter and Auxiliary Batteries""; ""6.2 Traction Batteries""; ""6.3 Stationary Batteries""; ""6.4 Domestic and Portable Systems""; ""6.5 Special Applications""; ""Chapter 7: Operational Problems""</p> <p>""7.1 Discharge and Maintenance of Primary Batteries""""7.2</p>

Maintenance of Storage Batteries""; ""7.3 General Aspects of Battery Maintenance""; ""Chapter 8: Outlook for Batteries with Aqueous Electrolyte""; ""References""; ""Part II: Batteries with Nonaqueous Electrolytes""; ""Chapter 9: Different Kinds of Electrolytes""; ""9.1 Electrolytes Based on Aprotic Nonaqueous Solutions""; ""9.2 Ionically Conducting Molten Salts""; ""9.3 Ionically Conducting Solid Electrolytes""; ""References""; ""Chapter 10: Insertion Compounds""; ""Monographs and Reviews""; ""Chapter 11: Primary Lithium Batteries"" ""11.1 General Information: Brief History"" ""11.2 Current-Producing and Other Processes in Primary Power Sources""; ""11.3 Design of Primary Lithium Cells""; ""11.4 Fundamentals of the Technology of Manufacturing of Lithium Primary Cells""; ""11.5 Electric Characteristics of Lithium Cells""; ""11.6 Operational Characteristics of Lithium Cells""; ""11.7 Features of Primary Lithium Cells of Different Electrochemical Systems""; ""Monographs""; ""Chapter 12: Lithium Ion Batteries""; ""12.1 General Information: Brief History"" ""12.2 Current-Producing and Other Processes in Lithium Ion Batteries""

2. Record Nr.	UNINA9910367616103321
Titolo	Understanding Water Security at Local Government Level in South Africa // edited by Richard Meissner, Nikki Funke, Karen Nortje, Maronel Steyn
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Pivot, , 2019
ISBN	9783030025175 3030025179
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (181 pages)
Disciplina	363.61091732 363.610968
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Water Security and South Africa -- Chapter 2. An Analysis of International and South African Discourses and Perspectives on Water Security -- Chapter 3. The Perceived State of Water Security in the Greater Sekhukhune District Municipality and the eThekweni Metropolitan Municipality -- Chapter 4. Beyond Water Quality and Quantity: A Typology towards Understanding Water Security in South Africa -- Chapter 5. Towards an Individual-centred Water Security Theory.
Sommario/riassunto	This book provides unique insights into the complex issue of water security in South Africa. Based on qualitative research conducted through face-to-face structured interviews and focus group discussions with individuals, traditional leaders, municipal officials, researchers, businesspeople and farmers in the two local governments - the Sekhukhune District and eThekweni Metropolitan Municipalities - it focuses on the peoples' understanding of the concept of water security and whether they believe that the municipalities have achieved water security for all. The research is supported by water security-related statistics, particularly those pertaining to water quality and quantity, and an extensive literature review for the concept of water security. In addition to assessing the state of water security in both municipalities, the book presents a new water security definition and typology, and offers valuable recommendations for future research.