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Titolo	The Bartle-Dunford-Schwartz integral [[electronic resource] ] : integration with respect to a sigma-additive vector measure // T.V. Panchapagesan
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ISBN	1-281-86258-4 9786611862589 3-7643-8602-9
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (313 p.)
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Soggetti	Measure theory Vector-valued measures 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 index.
Nota di contenuto	Preliminaries -- Basic Properties of the Bartle-Dunford-Schwartz Integral -- $L_p$ -spaces, $1 \leq p < \infty$ -- Integration With Respect to $l$ CHs-valued Measures -- Applications to Integration in Locally Compact Hausdorff Spaces — Part I -- Applications to Integration in Locally Compact Hausdorff Spaces — Part II -- Complements to the Thomas Theory of Vectorial Radon Integration.
Sommario/riassunto	This volume is a thorough and comprehensive treatise on vector measures. The functions to be integrated can be either $0, \infty$ - or real- or complex-valued and the vector measure can take its values in arbitrary locally convex Hausdorff spaces. Moreover, the domain of the vector measure does not have to be a sigma-algebra: it can also be a delta-ring. The book contains not only a large amount of new material but also corrects various errors in well-known results available in the literature. It will appeal to a wide audience of mathematical analysts.