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Titolo	Some topological and geometrical structures in Banach spaces // N. Ghoussoub [and three others]
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 1987 ©1987
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Descrizione fisica	1 online resource (123 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Volume 70, Number 378
Disciplina	515.7/32
Soggetti	Banach spaces Convexity spaces Banach spaces - Radon-Nikodym property
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"November 1987, Volume 70, Number 378 (end of volume)."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""0. Introduction""; ""I. First class functions around a subset of a Polish space""; ""A. Characterizations of first class functions around sets""; ""B. Spaces of continuous functions and convergence around sets""; ""C. Compact families of first class functions around a subset of a Polish space""; ""II. Affine and first class functions around a subset of a convex compact""; ""III. Dentability and related notions in Banach spaces""; ""A. Some geometrical properties of subsets of Banach spaces""; ""B. Extension of the above properties to operators"" ""IV. Operators from $L[\sup(1)][0,1]$ into Banach spaces"" ""A. The structure of the positive face of the unit ball of $L[\sup(1)]$ ""; ""B. Equimeasurable sets and Radon-Nikodym operators""; ""C. Sets of small oscillation and strongly regular operators""; ""D. Sets of regular oscillation and regular operators""; ""V. A characterization of strongly regular Banach spaces""; ""VI. On w^* -regular sets in dual Banach spaces""; ""A. On the topological structure of w^* -regular sets""; ""B. w^* -regularity and the w^* -Radon-Nikodym property""; ""C. Regular w^* -compact convex sets""

2. Record Nr.	UNINA9910743269303321
Titolo	Health and Public Health Applications for Decision Support Using Machine Learning
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2023
Descrizione fisica	1 online resource (214 p.)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>"Health and Public Health Applications for Decision Support Using Machine Learning" is a reprint that explores the intersection of machine learning and health sciences. It presents a collection of research and innovations showcasing how data-driven algorithms can transform patient care, disease diagnosis, and public health management. The reprint covers a wide range of topics, including natural language processing for biomedical relation extraction, ensemble learning for blood glucose level forecasting in diabetes management, machine learning for predicting walking stability and fall risk among the elderly, deep learning for pneumonia-infected lung volume quantification, and more. The reprint also discusses applications in precision medicine, early detection of renal damage, cardiac health monitoring, stress classification for mental health assessment, and early diagnosis of intracranial internal carotid artery stenosis. It emphasizes the role of machine learning in managing health crises, such as COVID-19 detection using ECG, voice, and X-ray systems, and reviews AI models in diagnosing adult-onset dementia disorders. Overall, this reprint aims to inspire researchers and healthcare professionals by showcasing the transformative potential of machine learning in healthcare. It hopes to encourage further research and collaboration to advance healthcare and technological innovations for a healthier future.</p>