

1. Record Nr.	UNINA9910827796703321
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
ISBN	1-4704-0798-1
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""

