

1. Record Nr.	UNISA996466486903316
Titolo	Geometrical aspects of functional analysis : Israel seminar, 1985-86 // edited by J. Lindenstrauss, V.D. Milman
Pubbl/distr/stampa	Berlin, Germany ; ; New York, New York : , : Springer, , [1987] ©1987
ISBN	3-540-47771-3
Edizione	[1st ed. 1987.]
Descrizione fisica	1 online resource (VI, 212 p.)
Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 1267
Classificazione	46-06
Disciplina	510
Soggetti	Geometry Functional analysis Banach spaces
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Monotonicity of the volume of intersection of balls -- On lattice packing of convex symmetric sets in \mathbb{R}^n -- Diameter of a minimal invariant subset of equivariant lipschitz actions on compact subsets of \mathbb{R}^k -- The relation between the distance and the weak distance for spaces with a symmetric basis -- Complements of subspaces of \mathbb{R}^p ; $p \geq 1$ which are uniquely determined -- Embedding X p m spaces into \mathbb{R}^n -- Some remarks on Urysohn's inequality and volume ratio of cotype 2-spaces -- On the covering numbers of convex bodies -- On a theorem of J. Bourgain on finite dimensional decompositions and the radon-nikodym property -- Sudakov type inequalities for convex bodies in \mathbb{R}^n -- An application of infinite dimensional holomorphy to the geometry of banach spaces -- A density condition for analyticity of the restriction algebra -- Remarks on the extension of lipschitz maps defined on discrete sets and uniform homeomorphisms -- On dimension free maximal inequalities for convex symmetric bodies in \mathbb{R}^n -- On lipschitz embedding of finite metric spaces in low dimensional normed spaces -- Random series in the real interpolation spaces between the spaces v_p -- Cotype of the spaces $(A_0, A_1)_{\theta, 1}$.
Sommario/riassunto	These are the proceedings of the Israel Seminar on the Geometric Aspects of Functional Analysis (GAFA) which was held between October

1985 and June 1986. The main emphasis of the seminar was on the study of the geometry of Banach spaces and in particular the study of convex sets in and infinite-dimensional spaces. The greater part of the volume is made up of original research papers; a few of the papers are expository in nature. Together, they reflect the wide scope of the problems studied at present in the framework of the geometry of Banach spaces.
