

1. Record Nr.	UNINA9910788787103321
Titolo	Banach space theory : proceedings of a research workshop held July 5-25, 1987, with support from the National Science Foundation // Bor-Luh Lin, editor
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [1989] ©1989
ISBN	0-8218-7673-2 0-8218-5420-8
Descrizione fisica	1 online resource (536 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; volume 85
Disciplina	515.7/32
Soggetti	Banach spaces
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"The Research Workshop on Banach Space Theory was held at the University of Iowa, Iowa City ... "--T.p. verso.
Nota di bibliografia	Includes bibliographies.
Nota di contenuto	<p>""Contents""; ""Preface""; ""Workshop Participants""; ""Titles of seminars given during the Workshop""; ""Isometries of James space""; ""Quasi-reflexive and tree spaces constructed in the spirit of R. C. James""; ""Projections onto block bases""; ""The Schroeder-Bernstein property for Banach spaces""; ""Rotund reflexive Orlicz spaces are fully convex""; ""Biorthogonal systems and big quotient spaces""; ""Analytic martingales and plurisubharmonic barriers in complex Banach spaces""; ""Existence and uniqueness of isometric preduals: A survey""; ""0. Introduction a€? Notation.""</p> <p>""I. Applications of the Hahn-Banach theorem: some basic lemmas."" ""II. Existence and uniqueness of preduals for a first family of ""smooth"" spaces.""; ""III. An alternative approach: the ball topology.""; ""IV. A critical example: the space L_1.""; ""V. Uniqueness of preduals for a second family of spaces.""; ""VI. Stability properties of the class of unique preduals.""; ""VII. Automatic l^* a€?continuity a€? Applications.""; ""VIII. More non-trivial conditions for the existence or the characterization of the predual.""</p> <p>""IX. Spaces which are not unique preduals and other counterexamples."" ""X. Open problems.""; ""The ball topology and its applications""; ""On the closedness of the sum of closed operators on a</p>

UMD space"; "Ultrapowers of rearrangement-invariant function spaces
I"; "KMP, RNP, and PCP for Banach spaces"; "Independence in
separable Banach spaces"; "On the weak* -fixed point property";
"Some geometrical and topological properties of the unit sphere in a
normed linear space"; "The I_{∞} -function in Banach spaces"; "Smooth
functions in Orlicz spaces"
"Fefferman spaces and C^* -algebras" " JH^* has the PCP"; "An
analogue of the F. and M. Riesz theorem for spaces of differential
functions"; "Almost isometric methods in some isomorphic
embedding problems"; "Sub-simplexes of convex sets and some
characterizations of simplexes with the RNP"; "Some more remarkable
properties of the James-tree space"; "A note on the Lavrientiev index
for the quasi-reflexive Banach spaces"; "I?-independence in non
separable Banach spaces"; "The canonical injection for $C([0, 1])$ into
 $L_{2,1}$ is not of cotype 2"
