

1. Record Nr.	UNINA9910146295303321
Autore	Cembranos Pilar <1957->
Titolo	Banach spaces of vector-valued functions // Pilar Cembranos and Jose Mendoza
Pubbl/distr/stampa	Berlin : , : Springer, , [1997] ©1997
ISBN	3-540-69639-3
Edizione	[1st ed. 1997.]
Descrizione fisica	1 online resource (VIII, 120 p.)
Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 1676
Classificazione	46E40
Disciplina	515/.732
Soggetti	Banach spaces Vector valued functions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Preliminaries -- Copies of $c_0$ and $\ell_1$ in $L_p(\cdot, X)$ -- $C(K, X)$ spaces -- $L_p(\cdot, X)$ spaces -- The space $L_\infty(\cdot, X)$ -- Tabulation of results -- Some related open problems.
Sommario/riassunto	"When do the Lebesgue-Bochner function spaces contain a copy or a complemented copy of any of the classical sequence spaces?" This problem and the analogous one for vector-valued continuous function spaces have attracted quite a lot of research activity in the last twenty-five years. The aim of this monograph is to give a detailed exposition of the answers to these questions, providing a unified and self-contained treatment. It presents a great number of results, methods and techniques, which are useful for any researcher in Banach spaces and, in general, in Functional Analysis. This book is written at a graduate student level, assuming the basics in Banach space theory.