Banach spaces of analytic functions.

Prentice-Hall - Isometries of some Banach spaces of analytic functions

Description: -

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Nonfiction - General
Non-Classifiable
Banach spaces
Functional analysisBanach spaces of analytic functions.
-
Prentice-Hall series in modern analysisBanach spaces of analytic
functions.
Notes: Includes bibliography.
This edition was published in 1962

Filesize: 11.47 MB

Tags: #Radius #of #analyticity #of #analytic #functions #on #Banach #spaces

Analytic functions on Banach spaces

Counterexamples in Topological Vector Spaces. Graduate students who are interested in analysis will find an overview of current work in the field. Using the isometric embedding F X, it is customary to consider a normed space X as a subset of its bidual.

Analytic functions on Banach spaces

Rosenthal, Functional Hilbert sums, Pacific J. Several characterizations of spaces isomorphic rather than isometric to Hilbert spaces are available.

Radius of analyticity of analytic functions on Banach spaces

It follows from the Banach—Steinhaus theorem that the linear mappings { P n} are uniformly bounded by some constant C. . This norm-induced topology also makes X, τ d into what is known as is a TVS , which by definition is a vector space endowed with a topology making the operations of addition and scalar multiplication continuous.

Analytic function

In several complex variables, however, only some connected open sets are domains of holomorphy. Weak compactness of the unit ball provides a tool for finding solutions in reflexive spaces to certain.

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Boas, Isomorphism between H p and L p, Amer. Provide details and share your research! To learn more, see our. Several ask to prove a property for a specific function, but even these are not routine.

Analytic function

The parallelogram law implies that is additive in x. Proceedings of the Japan Academy. However, this statement holds if one places C K in the smaller category of commutative.

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It follows that it is linear over the rationals, thus linear by continuity.

Analytic function

The graph of T is closed in X × Y if and only if T is continuous.

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