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bounded linear operators on X , with the composition of maps as product, is a Banach algebra. A C^* -algebra is a complex Banach algebra A with an antilinear involution $a \mapsto a^*$ such that $\|a^* a\| = \|a\|^2$. The space $B(H)$ of bounded linear operators on a Hilbert space H is a fundamental example of C^* -algebra. Banach space - Wikipedia My interest is mainly in how the author applies such analysis to both Banach spaces and the extremely important Hilbert spaces - the latter of which is so critical in quantum mechanics. Von Neumann [1932], showed that each quantum-based physical system can be associated with a (separable) Hilbert space H , the unit vectors of which correspond to ... Amazon.com: Customer reviews: Complex Analysis

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group of holomomorphic automorphisms of bounded domains in a complex Banach space (Vigué and Upmeyer in the late 1970s), Kaup's theorem on the equivalence of the categories of symmetric Banach manifolds and that of hermitian Jordan triple systems, and the culminating point in the process: the Riemann mapping theorem for complex Banach spaces (Kaup, 1982). Jordan Triple Systems in Complex and Functional Analysis Lecture with Ole Christensen.

Kapitler: 00:00 - Introduction; 06:45 - Vector Spaces; 07:15 - Example 1; 12:00 - Mathematical Tool - Fourier Transform; 17:00 - Example ... Normed Vector Spaces Part 1 A Banach space is a vector space with a norm, but not necessarily given by an inner product. Again

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