

Download Functional Analysis Vol 1

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In mathematics, particularly in functional analysis, the spectrum of a bounded operator is a generalisation of the set of eigenvalues of a matrix. Specifically, a complex number λ is said to be in the spectrum of a bounded linear operator T if $\lambda I - T$ is not invertible, where I is the identity operator. The study of spectra and related properties is known as spectral theory, which has ...

In computer science, functional programming is a programming paradigm—a style of building the structure and elements of computer programs—that treats computation as the evaluation of mathematical functions and avoids changing-state and mutable data. It is a declarative programming paradigm, which means programming is done with expressions or declarations instead of statements. Read the latest articles of Nonlinear Analysis at [ScienceDirect.com](#), Elsevier's leading platform of peer-reviewed scholarly literature