Applied Mathematics 617   Analysis IV

(see Course Descriptions for the applicable academic year: http://www.ucalgary.ca/pubs/calendar/)

Also known as: (formerly Pure Mathematics 617)

Syllabus

Topics

$\mathcal{L}^p$-spaces and $\mathcal{L}^p$ spaces

Normed linear spaces, Hilbert spaces

Linear Functionals, Hahn-Banach Theorem

Operators, Spectra

Operators on Finite Dimensional Spaces

Spectral Theory in Infinite Dimensional Spaces

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91.09.03 as PMAT 617 (relabelled AMAT 617 04:07:01)
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