Course Information

Professor W. Klein
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Office hours - Monday 4-5, Thursday 3:30-4:30

Lectures Monday 10-12, Wednesday 9-10
Room PRB 365 (Mon.) SCI 113 (Wed.)

Discussion Wednesday 4-5
Room PRB 365

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Additional Texts

Mathematical Physics - Arfken ISBN 0-12-059820-5
Churchill, Brown and Verhey

Syllabus - PY 501 Fall 2008

Weeks 1-3 Complex variables
Weeks 4-5 Linear differential equations
Week 6 Fourier series
Weeks 7-8 Fourier and Laplace transforms
Weeks 9-10 Partial differential equations and Greens Functions
Weeks 11-12 Linear vector spaces and linear operators
Week 13-14 Theory of distributions and asymptotics