Course calendar PHYS 6350: "Mathematical Physics I" Fall 2024

Topics: (tentative list)

Review of vector calculus Linear algebra, eigenvalue/eigenvector problem Complex analysis Fourier analysis, Fourier transforms Boundary value problems: differential operators, Green's functions, orthonormal functions Probability and statistical inference Group theory

Important dates:

Mon, Aug 26, 2024: 1st day of classes Mon, Sep 2, 2024: Labor holiday (no classes) Thu, Fri Nov 28, 29, 2024: Thanksgiving holiday (no classes) Wed, Dec 4, 2024: last day of classes Fri, Dec 6 -Thu, Dec 12, 2024: Final exam week

Exam dates:

Exam 1: Tue, Sep 24, 2024 Exam 2: Tue, Oct 15, 2024 Exam 3: Tue, Nov 5, 2024 Exam 4: Tue, Nov 26, 2024 Oral final: during final exam week