

Announcements for Final Exam

Where: Rolfe 1200 (NOTE CHANGE!)

When: Friday, June 16, 3:00-6:00 p.m.

Conditions: Bring student picture ID. Please sit where assigned. Calculators permitted, but there shouldn't be much arithmetic to do.

Style: Similar to the midterms, but 120 points. There could be some shorter-answer questions.

Coverage:

- **Text** All topics covered in lecture and homework, except §6.4. We skipped §3.14.
- **Lectures, homework, handouts** All.
- **Specific topics** Know equations used in the course, including definitions of hyperbolic cosine and sine.

Know proofs that (a) the ratio test works for series with positive terms, (b) a convergent sequence or series has terms bounded in absolute value, and (c) Bessel's inequality holds for piecewise continuous complex-valued periodic functions of period 2π . Also (d) be able to explain why complex power series converge in a disk (unless they converge everywhere or just at one point).

Review: In lecture on Friday, June 9.

Office hours during exam week: Monday 10:00-11:30, Wednesday 10:00-11:30, Thursday 12:30-1:30 (not Wed. p.m.).

Watch the class home page for any updates. Be sure to use the "reload" button from time to time to make sure you're seeing a current copy.