

Announcements for Midterm #2

When: Monday, May 22, in lecture, as previously announced.

Where: Dodd 121, as usual.

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

Style: Similar to the first midterm. Again, no bluebooks needed.

Coverage:

- **Text** §§3.1, 3.9-3.13 (topics covered in lecture and homework), and 3.15 (only a little).
- **Lectures** through Wednesday, May 17.
- **Homework** Assignments #4-#7 (for sections listed above), but lighter on #7.
- **Handouts** All handouts from H on (skipping midterm #1 solutions).
- **Specific topics** For proofs, just be able to give the reasoning to show that (a) a convergent sequence or series has terms bounded in absolute value, (b) if a power series $\sum_{n=0}^{\infty} c_n x^n$ converges at $x = x_2$ and $|x_1| < |x_2|$ then it converges absolutely at x_1 . (This is the same as one of the Week 7 Quiz topics.)

Review: In lecture on Friday, May 19.

Extra Office Hour: Friday, May 19, 12:30-1:30.