

Math 5210

Friday March 13

HW for Friday March 27

7.6 # 1, 2, 3, 5, 9

12.1 # 1, 4, 5, 6, 13

12.2 # 2, 5, 12

- cover pages 4-5 Tuesday notes,
an $\exists$ thm for 1st order DE's which uses equicontinuity. (but doesn't yield uniqueness)
- we'll spend 2-3 lectures on chapter 12, Fourier series, after spring break. $\leftarrow$ read it!!
Then we'll begin measure theory and the Lebesgue integral, chapter 14.
(Also, Royden notes).

- Midterm results:

