BOĞAZIÇI UNIVERSITY **MATH 531 – REAL ANALYSIS I** FALL 2009

Lectures	*Tuesdays & Thursdays* from `11:00`–`13:00` (room to be announced)
Instructor	Fatih Ecevit *Office* ..... TB–`210` *Office Hours* ... by appointment *E–mail* ..... `fatih.ecevit@boun.edu.tr` *Url* ..... `http://web.boun.edu.tr/fatih.ecevit`
Textbook	Folland: *Real Analysis: Modern Techiques & Their Applications*, 2^{nd} ed., Wiley, 1999.
Contents	We will mainly cover chapters $\mathbf{0}, \mathbf{1}, \mathbf{2}, \mathbf{3}$ of the text. Please see the next page for more detail.
References	Cohn: *Measure Theory*, 1994. Friedman: *Foundations of Modern Analysis*, 1982. Halmos: *Measure Theory*, 1978. Kolmogorov & Fomin: *Introductory Real Analysis*, 1975. Royden: *Real Analysis*, 1988. Rudin: *Real and Complex Analysis*, 1986. Stein & Shakarchi: *Real Analysis: Measure Theory, Integration, and Hilbert Sp.*, 2005. Wheeden & Zygmund: *Measure and Integral: An Int. to Real Analysis*, 1977.
Homeworks	There will be several homework assignments throughout the semester. Late homeworks will not be accepted.
Exams	There will be **one midterm exam**, and **one final exam**. Make-up exams will almost never be given, and only for cases of extreme personal tragedy. There will be **no E-exam.**
Assessment	*Homeworks* 30% *Midterm* 30% *Final* 40%
Class Website	`http://web.boun.edu.tr/fatih.ecevit/Fall09Math531.html` Announcements regarding the course and any supplementary material will be posted on the course web-page. You are strongly encouraged to check the class website frequently to get updated information such as new problem sets, exam dates etc.

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