

GRADUATE COURSES

FALL 2009-2010

INTRODUCTION TO FUNCTIONAL ANALYSIS

Instructor: Aydın Aytuna

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COMPLEX ANALYSIS

Instructor: Vyacheslav P. Zahariuta

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BASIC PROPERTIES OF UNIVALENT AND HARMONIC FUNCTIONS

Instructor: Yaşar Polatoğlu

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INTRODUCTION TO OPERATOR THEORY

Instructor: Tunç Mısırlıoğlu

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POSITIVE OPERATORS

Instructor: Mert Çağlar

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TOPICS IN ANALYSIS

Instructor: Serap Öztop

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Contents: Hahn–Banach Theorem (analytic form and geometric versions), Krein–Milman Theorem, Stone–Weierstrass Theorem, Weak and Weak-star topologies in Banach spaces, Reflexive spaces.