

**KOÇ UNIVERSITY**  
**College of Arts and Sciences**  
**Department of Physics**

**Course:** MATH503 Applied Mathematics

**Credits:** 3

**Semester:** Fall 2003

**Instructor:** Professor **Tekin Dereli**

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**Textbook:** *Advanced Engineering Mathematics* E. Kreyszig (Wiley, 8th edition, 1999)

**Problem Assignment** (Due 14 January 2004)

Section: 14.1 12, 15  
Section: 14.2 4, 7, 14  
Section: 14.4 2, 4, 16, 18  
Section: 15.1 2, 4, 10  
Section: 15.2 1, 5, 6, 10, 17  
Section: 15.3 6, 15  
Section: 15.4 10