

Assignment #7

Due *Thursday, 13 April 2006.*

I. Read chapter 18 from RILEY, HOBSON, & BENICE; you may ignore 18.2, 18.3, 18.6, and 18.7. Also read sections 19.1 and 19.2 from RILEY, HOBSON, & BENICE. [*A much better, though also much more advanced, treatment of these ideas in partial differential equations can be found by reading chapters 1 through 4 of L. Evans, Partial Differential Equations, American Mathematical Society 1998.*]

II. Do exercises from RILEY, HOBSON, & BENICE:

17.15, 17.16, 18.8, 19.1a, 19.2, 19.3.