

August 26, 2008

PHYS 6333 (General Relativity)

Assignment #1 Due Wednesday pm September 3, 2008

1. Read: Sections 3.1, 3.3, 3.4 & bottom half of page 37 through top 1/3 page 38 of Hughston & Tod. (See Additional Text Material, Hughston & Tod Ch 3)
 - (a) Answer (i)-(v) on page 25.
 - (b) Work problem 3.8 on page 43.
2. Read: Sections 5.1-5.6 of Rindler.
 - (a) Work problem 5.5 on page 105
3. Read: Sections 7.1 & 7.2 of Rindler.
 - (a) Work problems 7.3 and 7.4 on page 157.
4. Read: Chapter 4 of Hartle.
 - (a) Work problems 3 & 4 on page 73.