general relativity – September 21, 2006

material discussed in class

Roughly equal to sections 1.9, 2.1 in Carroll

exercises

- Exercise 1.9 in Carroll.
- [OPTIONAL] Read section 2.9 in Carroll. Do exercises 2.9 and 2.11, assuming you are in flat space all along. Exercise 2.9 describes the so-called magnetic monopole, exercise 2.11 is related to string theory.