

Homework 9

Due Tuesday, April 3rd at 5pm

Read chapter 14 of Hartle's *Gravity*, which will be covered in lecture on this Thursday, March 22nd. The week after spring break we will begin our study of rotating black holes. If you would like to get started with the reading this material is covered in Chapter 15. This problem set is short to ensure that you can do it before and after break.

1. Hartle 12.22, p279
2. Hartle 13.1, p308
3. Hartle 13.2, p308