

## Homework 8

Due Tuesday, March 20th at 5pm

Read chapter 13 of Hartle's *Gravity*, which will be covered in lecture on Thursday, March 15th. Next Tuesday we will be discussing the Rindler spacetime which isn't covered in Hartle. Our treatment of the Rindler spacetime is going to be a long example, reviewing all of the material we have covered so far in the course. You won't need to read to prepare for this lecture but If you would like to, check out either Padmanabhan's book "Gravitation: Foundations and Frontiers" or Muhanov and Winitzki's book "Introduction to Quantum Effects in Gravity".

1. Hartle 12.4, p277
2. Hartle 12.5, p277
3. Hartle 12.6, p277
4. Hartle 12.12, p278
5. Hartle 12.14, p278