

ASTR430 Homework #5

1. Go over your midterm and the midterm solutions so that you understand how to ace these problems if you ever see them again.
2. Problem 11-10 from the textbook. Isochrones are a set of points at a given time.
3. Problem 13-1 from the textbook. Describe the Roche Limit, the Hill Sphere, and how they are related.
4. (Optional) Problem 15-3 from the textbook.
5. (Optional) Problem 15-12 from the textbook.

You should look over the optional problems before the final exam; if turned in with the required problems, they are worth a small amount of extra credit.