

ASTR-3415-001: Astrophysics
Problem Set 4 (Due: 17 April 2003)

1. (10 pts) Problem 22.1, Page 977 in the Carroll and Ostlie textbook.
2. (15 pts) Problem 22.26, Page 984 in the Carroll and Ostlie textbook.
3. (20 pts) Problem 22.27, Page 984 in the Carroll and Ostlie textbook.
4. (30 pts) Problem 23.7, Page 1049 in the Carroll and Ostlie textbook.
5. (20 pts) Problem 24.4, Page 1092 in the Carroll and Ostlie textbook.
6. (20 pts) Problem 25.7, Page 1151 in the Carroll and Ostlie textbook.
7. (20 pts) Problem 26.7, Page 1217 in the Carroll and Ostlie textbook.
8. (20 pts) Problems 27.4 & 27.5, Page 1281 in the Carroll and Ostlie textbook.
9. (20 pts) Problem 27.21, Page 1283 in the Carroll and Ostlie textbook.
10. (25 pts) Problem 28.5, Page 1324 in the Carroll and Ostlie textbook.