

**Phys 375 HW 2**  
**Fall 2005**  
**Due 19 / 20 September, 2005**

1. Hecht, 4<sup>th</sup> edition, problem 4.20
2. Hecht, 4<sup>th</sup> edition, problem 4.21
3. Hecht, 4<sup>th</sup> edition, problem 4.34
4. Hecht, 4<sup>th</sup> edition, problem 4.40
5. Hecht, 4<sup>th</sup> edition, problem 4.42
6. Hecht, 4<sup>th</sup> edition, problem 4.82