

ECE/MAT 211A

Winter 07

HWK #2

This homework includes the following FOUR questions in *Kroemer*:

- 1) 3·1-1: Spherical Potential Well (page 102)
- 2) Exercise: Derive (3·2-21), (3·2-23), and (3·2-24) (page 108)
- 3) 4·2-1: Spreading of a Moving Wave Packet (page 125)
- 4) 4·3-1: Uncertainty Product for the Hydrogen Atom (page 132)

The deadline would be 01/24/2007 Wed, in class.