

Homework Problem Set IV

Due: Feb 4, 2008

1. P15.8 (from Engel and Reid)

2. P15.17

3. P15.16

(in part b. generate your own plots of the 2D wavefunctions using Mathematica with the N value obtained in P15.17. Use the Plot3D plot command.)

4. P15.18. Generate probability functions and plot them in Mathematica.