

Chem 442: Homework for lecture L17

(only turn in **BOLD** assignment first lecture next week of classes; do all assignments)

1. Make a plot of the linear combination of the linear combination $Y_{2-2} + Y_{22}$ in the x-y plane ($\theta = \pi/2$). What is the conventional name for this wavefunction?

2. Turn in Problem 6.1 (page 111)

3. Problem 6.5 (page 112)

4. Problem 6.8 (page 112)