

Phys 115B Problem Set 6, due Tue Oct. 19 at noon in grader's mailbox.

Consider two particles, one with spin 2 and one with spin $1/2$. Use the total angular momentum lowering operator to find the Clebsch-Gordan coefficients (up to an overall phase) for the state with total $j=3/2$ and $m=1/2$.

Also from the textbook do problems 4.38, 4.49, 4.44 and 4.55.