

Physics 220
Homework #7
Spring 2017
Due Wednesday, 5/24/17

1. Show that the lowering matrix for spin is given by $S_- = \hbar \begin{bmatrix} 0 & 0 \\ 1 & 0 \end{bmatrix}$.
2. Griffith's 4.25
3. Griffith's 4.29
4. Griffith's 4.31
5. Griffith's 4.33
6. Griffith's 4.49