Assignment #6 (half length)
Due: Friday, Mar. 19 at 4 pm.
Reading: Finish Chapter 5 of Townsend

Group problems:

5.2 Hint: Recall that, for example, $|\pm z, \pm z\rangle = |\pm z\rangle \otimes |\pm z\rangle$. Also, the direct product distributes in the normal way, e.g. $|a\rangle \otimes (|b\rangle + |c\rangle) = |a\rangle \otimes |b\rangle + |a\rangle \otimes |c\rangle$.

5.5