READING ASSIGNMENT

DUE: Monday, September 25, 11 am
READ: Townsend §3.5 - & 3.8

Hand your answers back to me either via email (kvollmay@bucknell.edu) or as hardcopy.

1. We found for $\hat{J}_x$ and $\hat{J}_y = 0$ that $[\hat{J}_z, \hat{J}_y]$. Using Eq.(3.74) what can you conclude about the simultaneous measurement of $\hat{J}_x$ and $\hat{J}_y$?

2. What are the Pauli spin matrices?

3. With what of this reading did you have most difficulty and/or what was most interesting?