READING ASSIGNMENT

DUE: Wednesday, September 27, 11 am
READ: Townsend §4.1 §4.2

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

1. What does the operator $\hat{U}(t)$ do to a state $|\psi(0)\rangle$?

2. What is the physical meaning of $\hat{H}$?

3. About what does the Schrödinger equation give you information? (For which physical questions do you use the Schrödinger equation?)

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