

## 6 main postulates

1. states are defined by kets:  $|+\rangle$ ,  $|-\rangle$
2. Operators are matrices:  $H$ ,  $S$ ...
3. We measure eigenvalues:  $\pm \hbar/2$
4. Probability is found by:  $|\langle +|\psi\rangle|^2$
5. States “reduce” (collapse)  $|\psi\rangle$  goes to  $|+\rangle$
6. Schrodinger equation gives time evolution, for instance, Larmor precession