**One Particle in Magnetic Field**

**Hamiltonian**

**Schrödinger Equation**

**State Evolution**

**Two Particles with Interacting Spins**

**Hamiltonian**

**Schrödinger Equation**

**State Evolution**

**Three Particles with Interacting Spins**

**Hamiltonian**

**Schrödinger Equation**

**State Evolution**