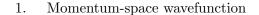
Physics 4610, Quantum Mechanics Prof. Schroeder Spring 2018

Review for Test 2

Explain each of the following in as much detail as you can.



2. Wavepacket

3. Uncertainty principle

4. Centered-difference method for solving the TDSE

5.	Reflection and transmission probabilities
6.	Tunneling
7.	Principle 1 (states of a system)
8.	Principle 2 (observables)
9.	Principle 3 (probabilities)

10.	Principle 4 (collapse)
11.	Principle 5 (time evolution)
12.	Plane wave
13.	Degeneracy
14.	Separable wavefunction

15.	Configuration space		
16.	Entangled state		
17.	Bosons and fermions		
18.	Spinor		