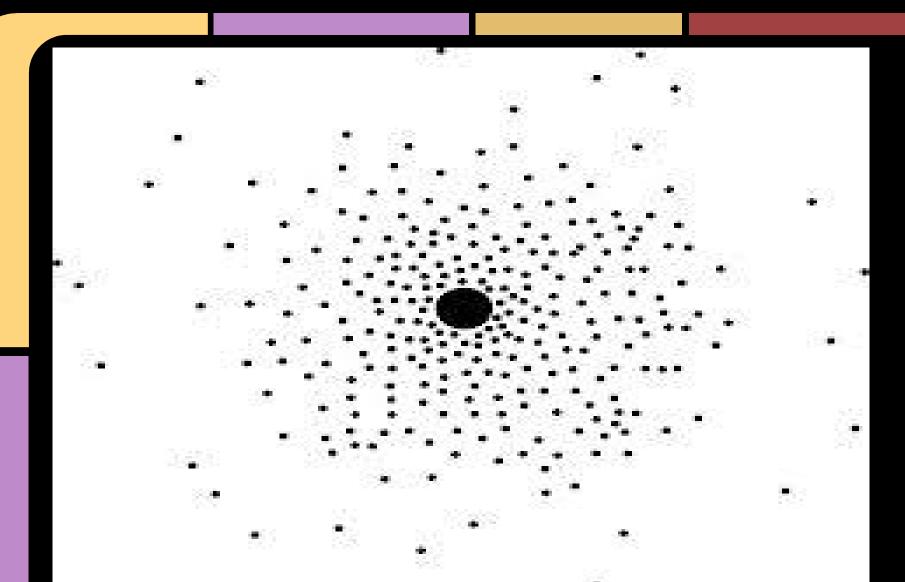


By Andrew Nassif, Himself

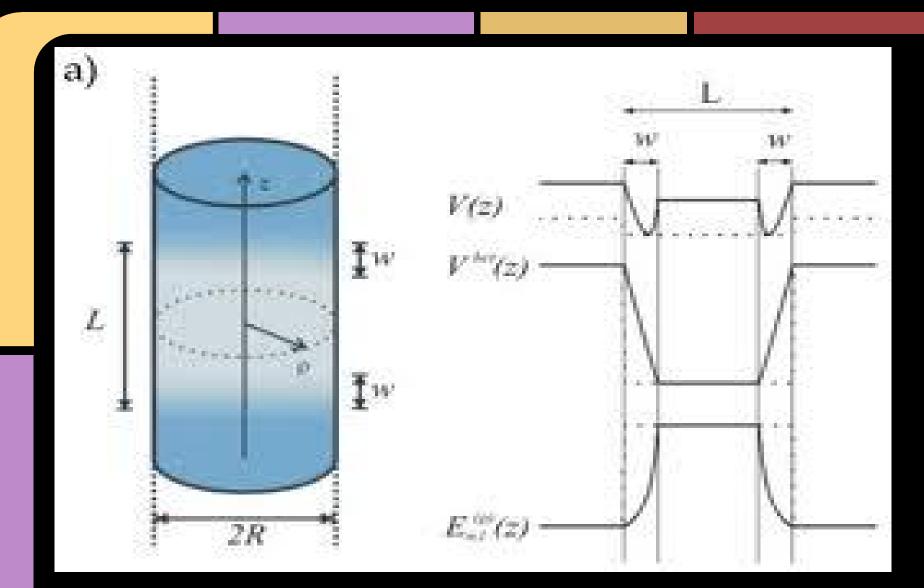
What is the Quantum Model?

- 1. The Quantum model is the location of where an electron is most probably located.
- 2. This idea provides a conception that an electron moves within the wavelengths of the area that it is located.
- Schrodinger's equation represented the different possibilities of where an electron is located through variations of wavelengths.

Basic Sketch of Quantum Model



Advanced Diagram of Quantum Model



Werner's Principle

- Werner Heisenberg put the uncertainty principle that you can't calculate both the momentum of an atom and the location of the electron.
- This led to the discovery of the Quantum model, which is one of the biggest discoveries in history.

Differentiation of Different Shells

- 1. This idea was that an atom has different shells because of the different values of the quantum numbers.
- 2. It also helped evolve the idea that light can travel in both waves and particles.

Light as:

