From Last Time...

- Observation of atoms indicated quantized energy states.
 Atom only emitted certain wavelengths of light
 Structure of the allowed wavelengths indicated the
- what the energy structure was • Quantum mechanics and the wave nature of the electron
- Quantum mechanics and the wave nature of the electron allowed us to understand these energy levels.

Today

- The quantum wave function
- The atom in 3 dimensions
- Uncertainty principle again

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