

Wave-Particle "Duality"

Light sometimes exhibits wave-like properties (interference), and sometimes exhibits particle-like properties (trajectories).

We will soon see that matter particles (electrons, protons, etc.) also display both particle-like and wave-like properties!

An important question:

When should we expect to observe wave-like properties, and when should we expect particle-like properties?

To help answer this question, let's reconsider the 2-slit experiment.