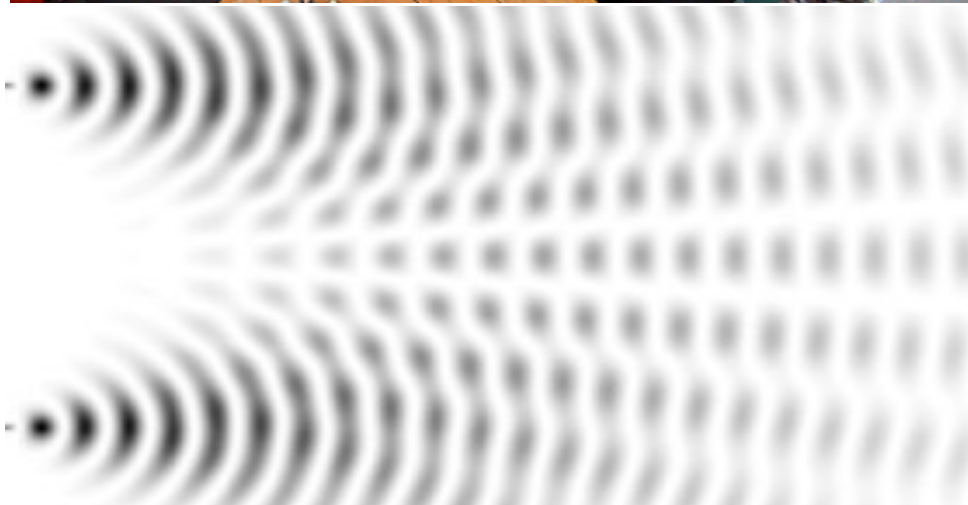


more accuracy

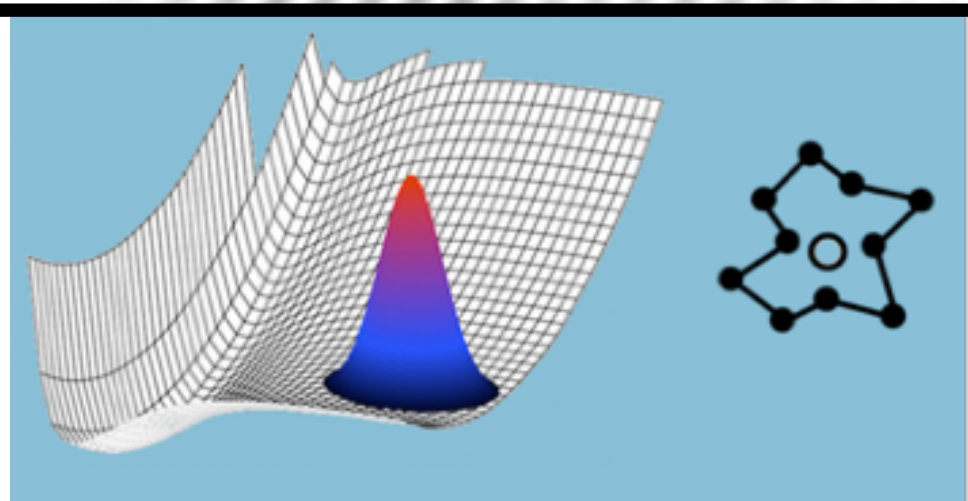
Full Quantum



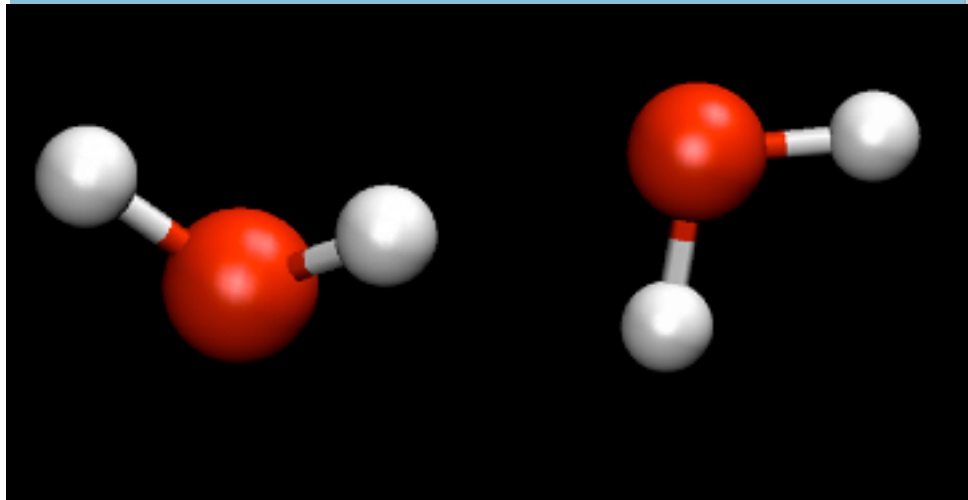
Semiclassical
with interference



Semiclassical
without interference



Classical



larger systems

The double slit experiment

Particles go through the apparatus and form wave-like interference fringes

Example of dynamical quantum interference effects

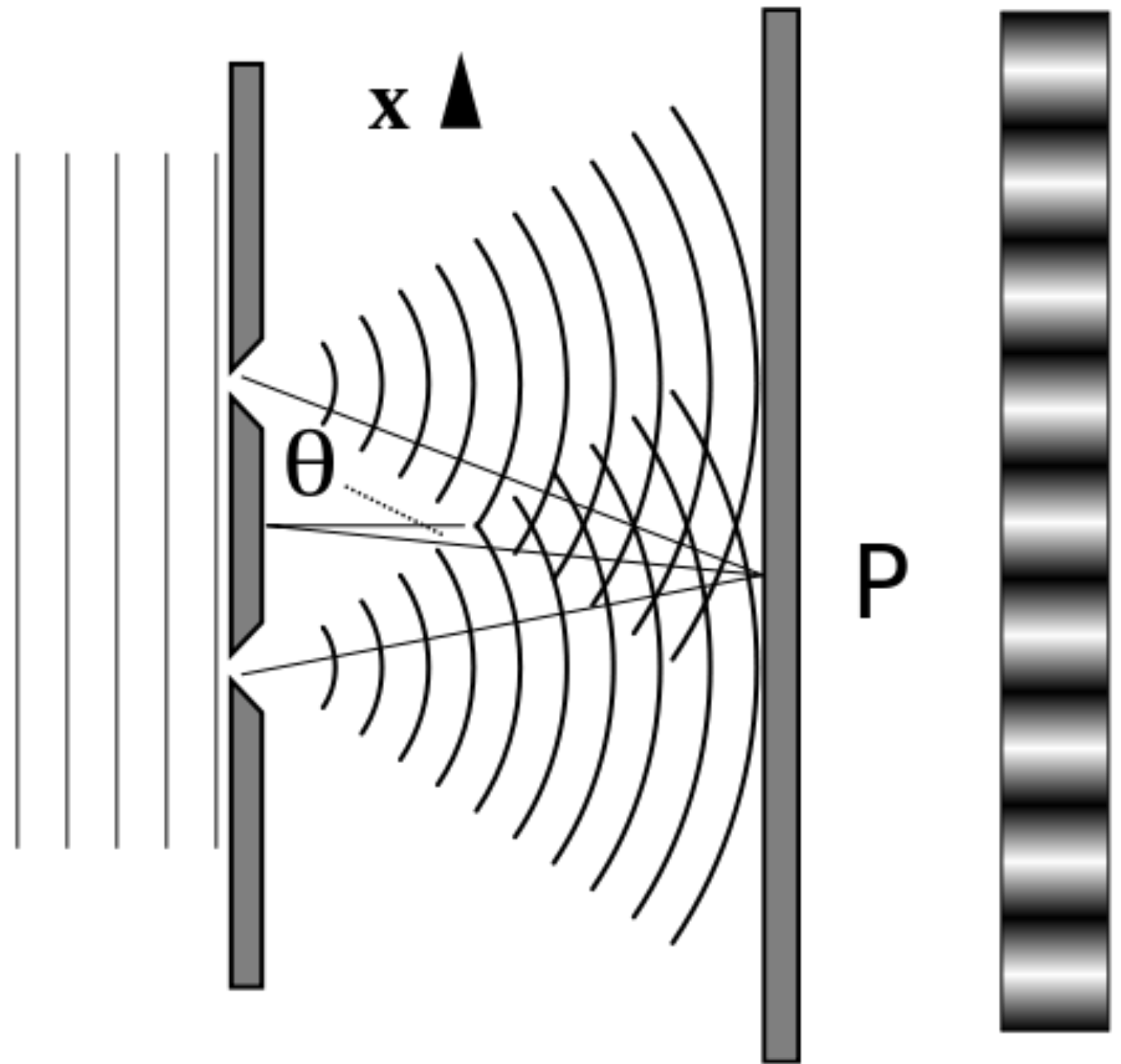


Image from Wikipedia

“A phenomenon ... which has in it the heart of quantum mechanics” (Feynman)