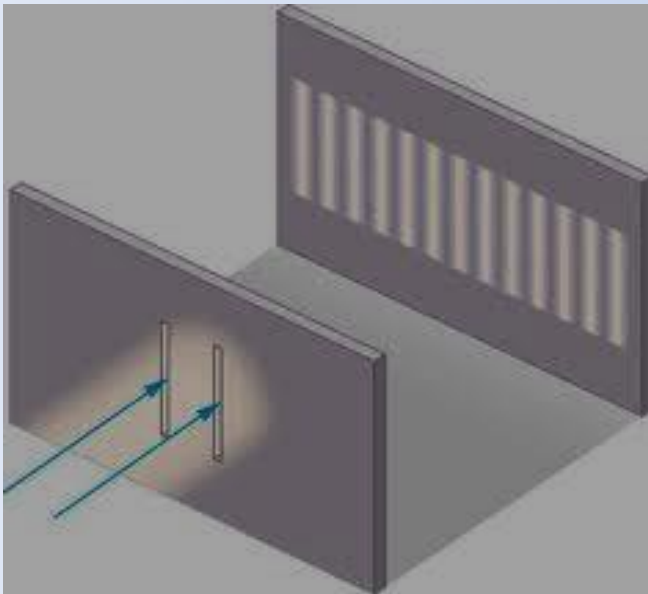
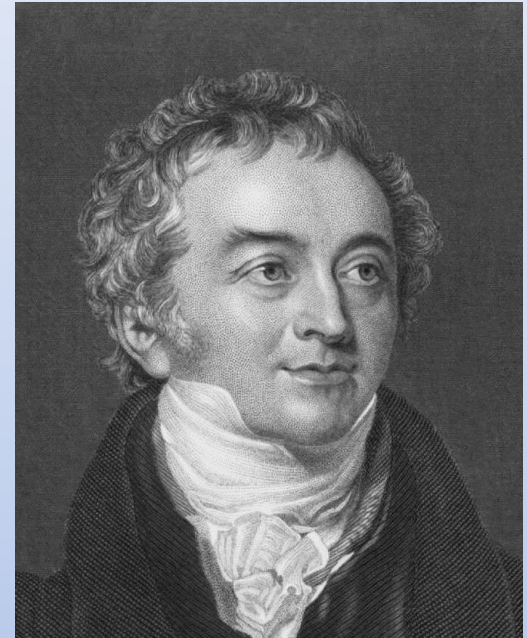


Quantum v macro

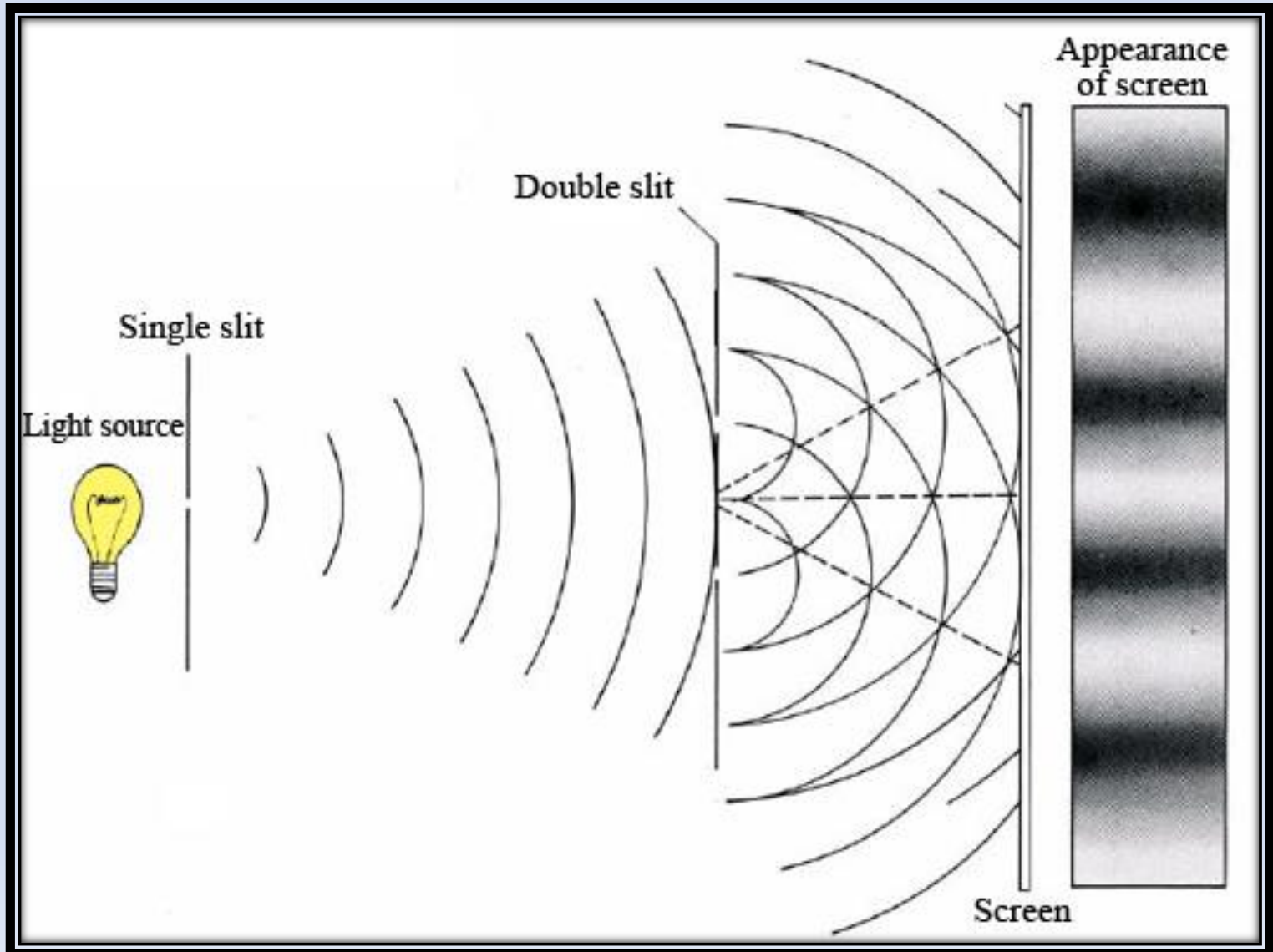
Young's interference

In the early 1800s,
Thomas Young conducted
an experiment which proved
that light behaves as a wave.



When he passed light of a single
frequency through a pair of
closely spaced narrow slits an
interference pattern was
produced.

Young's interference



Young's experiment demonstrates that matter and energy can display the characteristics of both waves and particles, known as wave-particle duality.

It questions the role of the observer in the outcome of events and demonstrates the fundamental limitation of an observer to predict experimental results.

Observations of Young's experiment cannot be explained in any classical way. It exemplifies the mysterious nature of quantum mechanics

