

Superposition screen

One of the ways superposition can be visualized is by shooting quantum particles at two narrow slits. A classical particle will always pass either through the top slit or through the bottom slit. But a quantum particle, if properly prepared, can be put in a superposition of two paths. One path that passes through the top slit and one path that passes through the bottom slit. This superposition leaves a visible mark in the form of interference fringes when we later measure the particles position.