

# The double-slit experiment: A paradox-free kinematic description

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## Abstract

The paradoxes of the double-slit experiment with an electron are shown to originate in the implicit assumption that the electron is always located in the classical space. It is demonstrated that there exists a natural substitute for this assumption that provides a method of resolving the paradoxes.

**Keywords:** double-slit experiment, EPR experiment, measurement problem

**Subjects:** [Specific Sciences: Physics: Quantum Mechanics](#)

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