

CHAPTER OVERVIEW

1: Reviewing Elementary Stuff

- 1.1: Breakdown of Classical Mechanics
- 1.2: Early Quantum Mechanics
- 1.3: Wave Equations, Wavepackets and Superposition
- 1.4: The Uncertainty Principle
- 1.5: Electron in a Box

Thumbnail: Propagation of de Broglie waves in 1d—real part of the complex amplitude is blue, imaginary part is green. The probability (shown as the color opacity) of finding the particle at a given point x is spread out like a waveform, there is no definite position of the particle. (Public Domain; Maschen)

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