University of Vienna
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Quantum optics practical course

KDTLI

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Abstract

1 Molecule Interference

The aim of this experiment is to show interference patterns using C_60 molecules and the quantum mechanical description of matter waves. The following review will give you an introduction to the theory of the experiment as well as a description of the experimental setup. At the end, the obtained results are presented and discussed.

x^2

$$\sqrt{a}$$

2 Theory

gfhgfhgj

2.1 Dampend driven harmonic oszilliation

2.2 Cantilever

3 Experimental assembly

4 Results

5 Discussion

6 Resources

- SImulation of the Experiment `http://www.univie.ac.at`