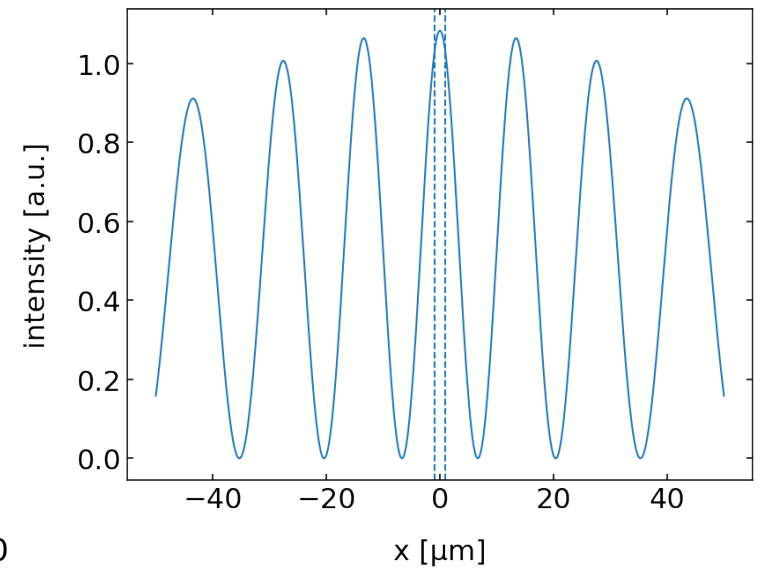
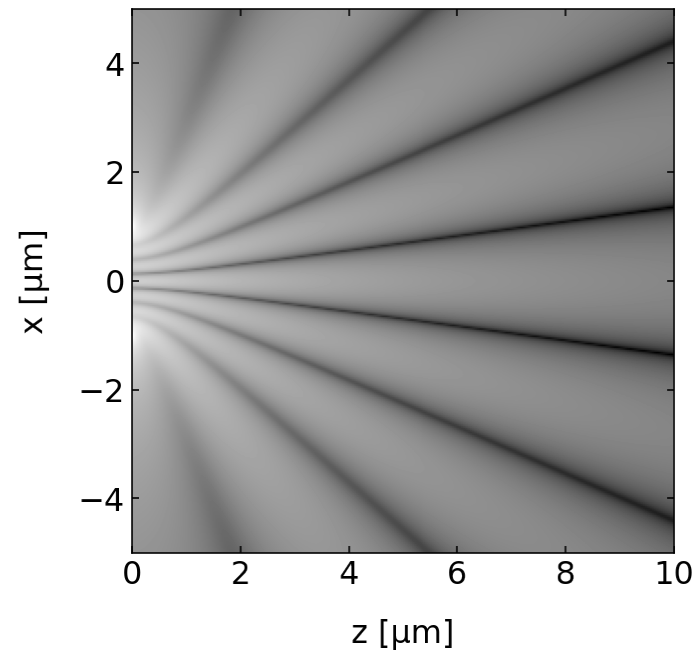
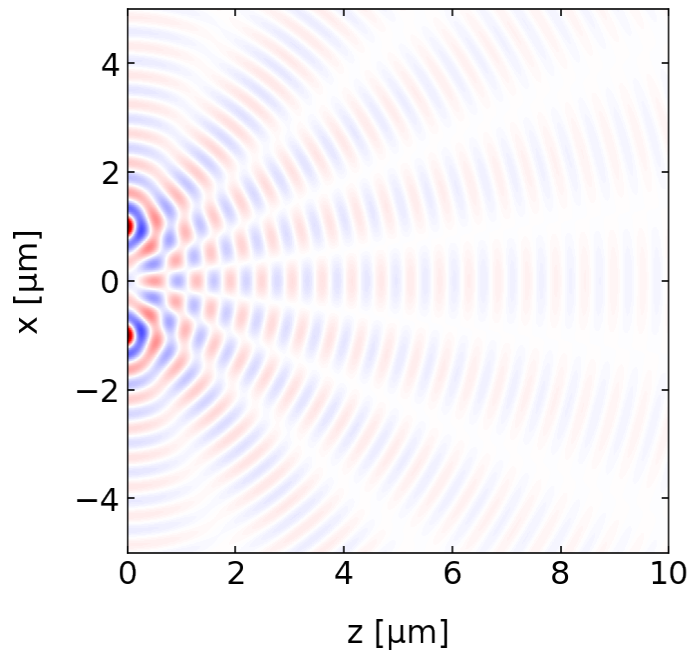


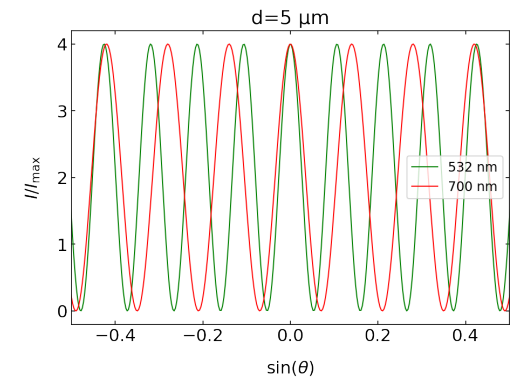
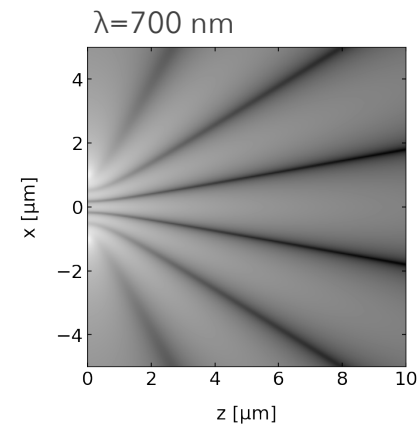
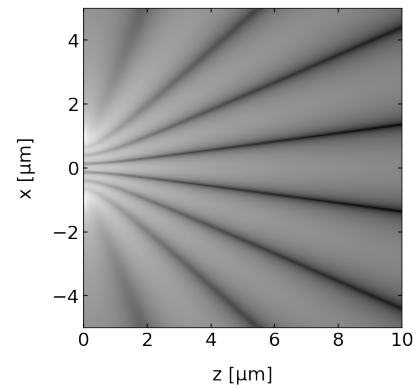
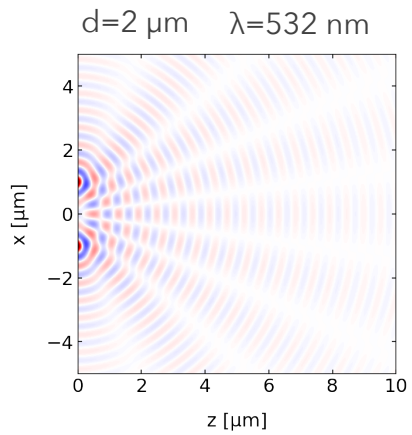
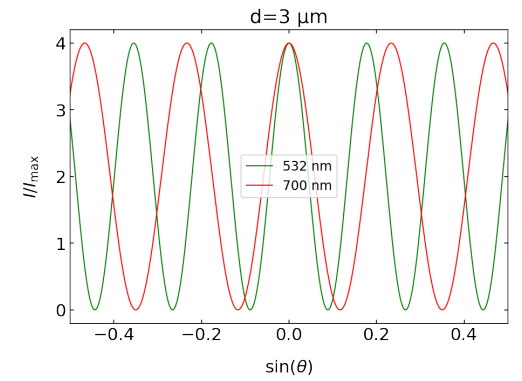
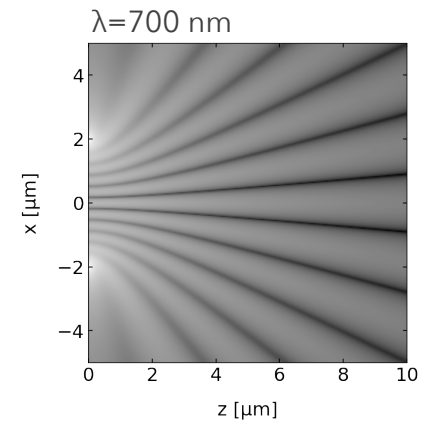
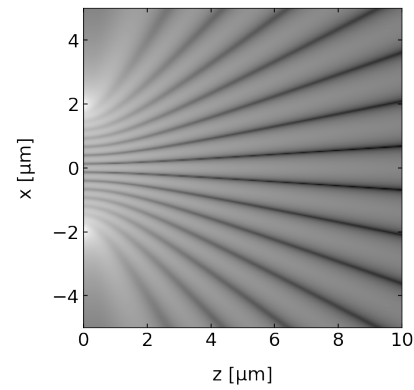
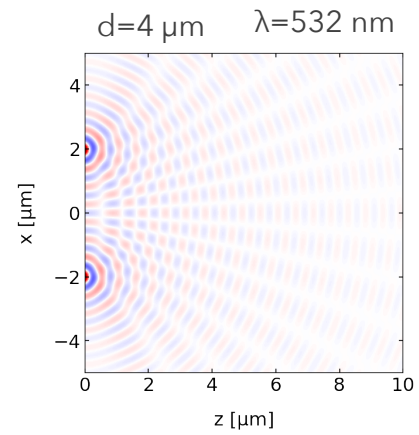
Experimental Physics 3 - Em-Waves, Optics, Quantum mechanics

Lecture 9

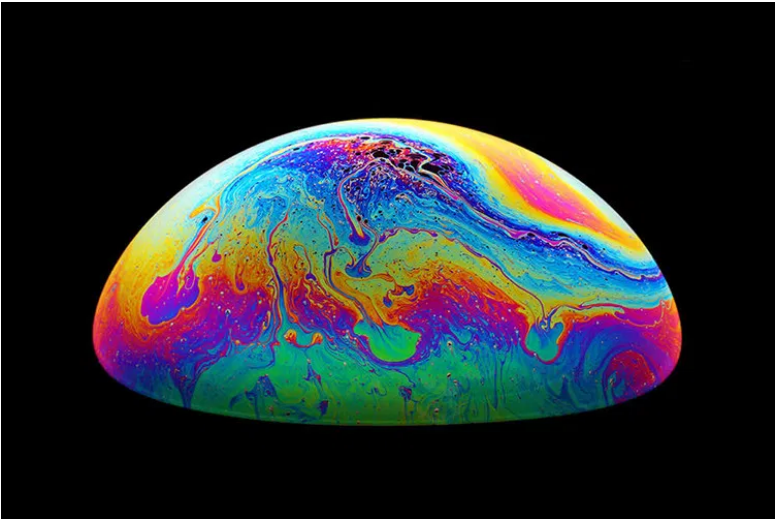
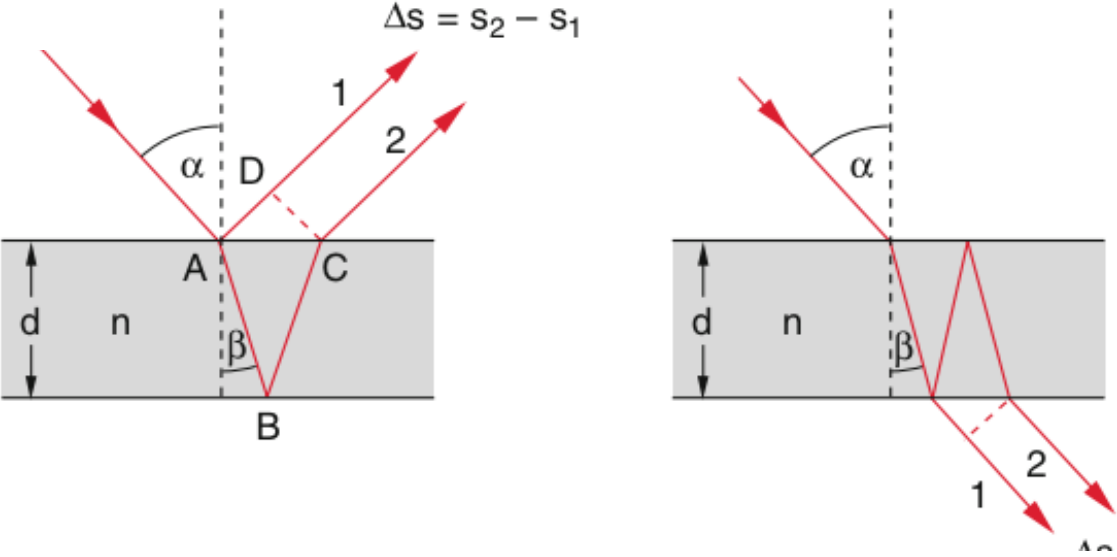
Double Slit



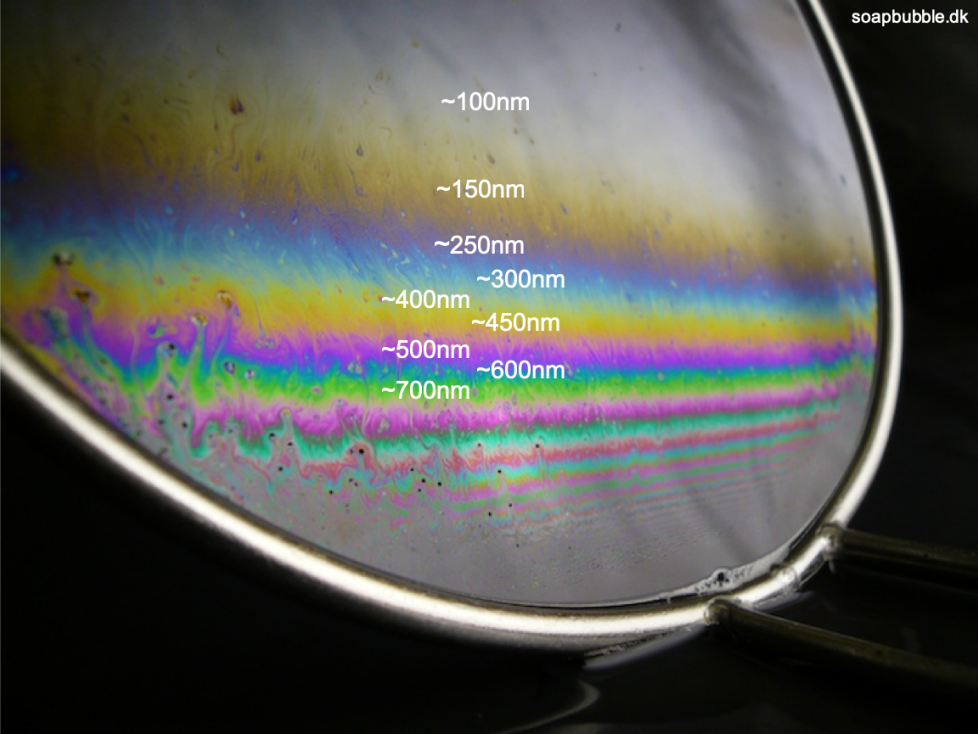
Double Slit - Distance and Wavelength



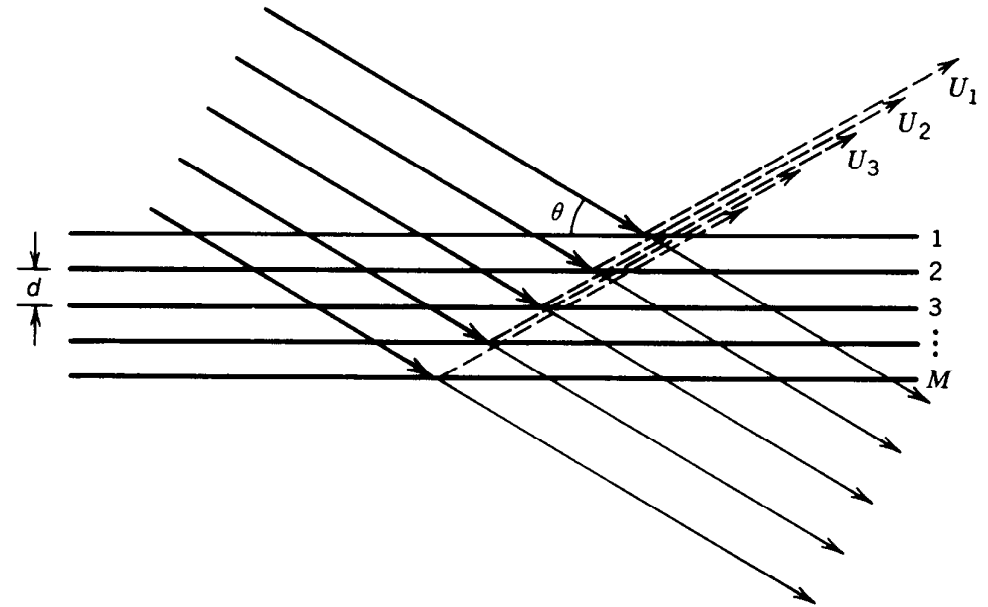
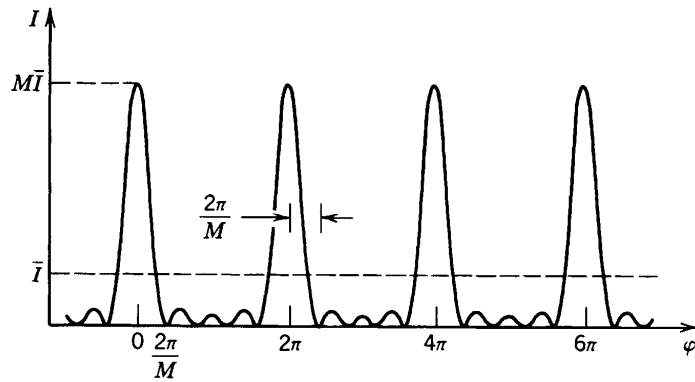
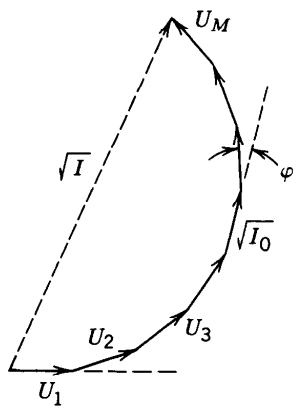
Thin Film Interference



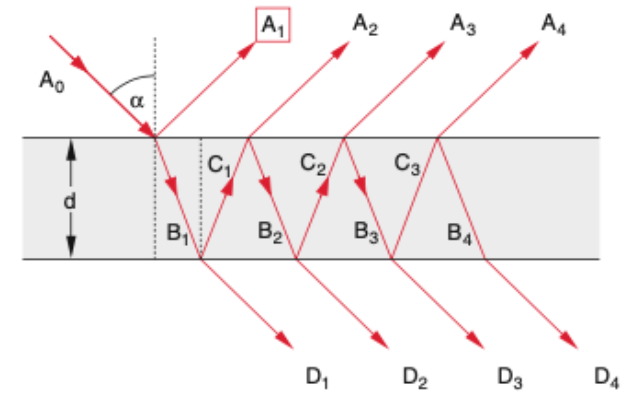
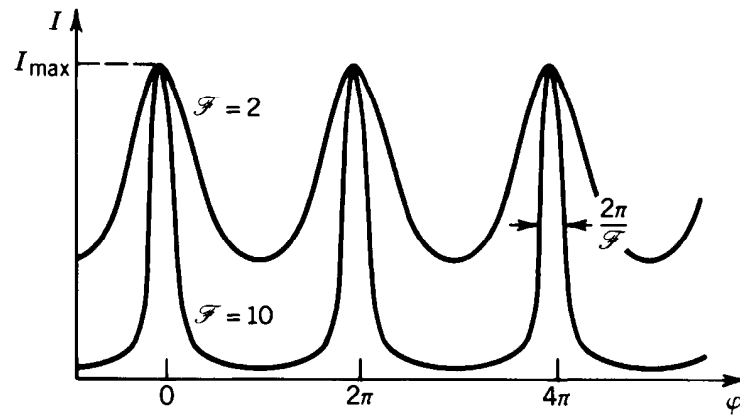
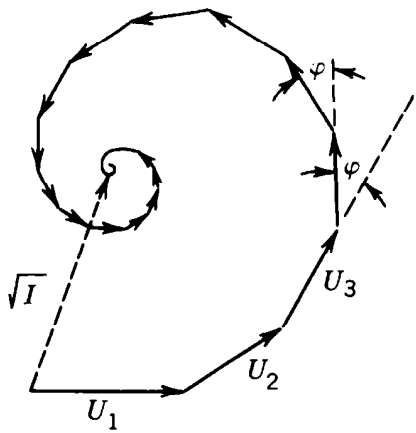
Newton Black Film - Soap Bubble Challenge



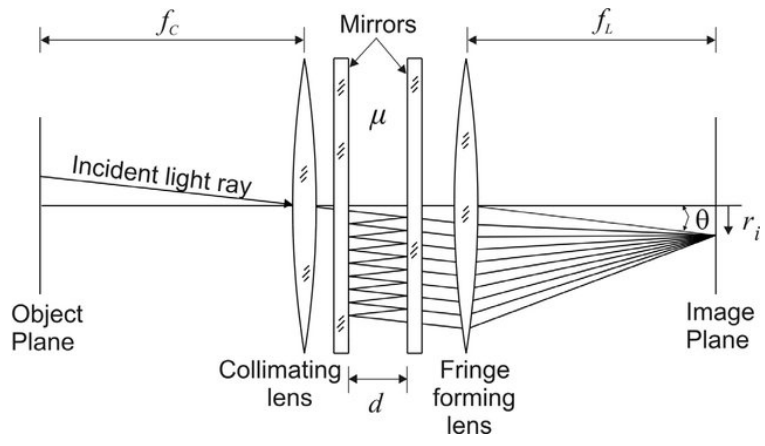
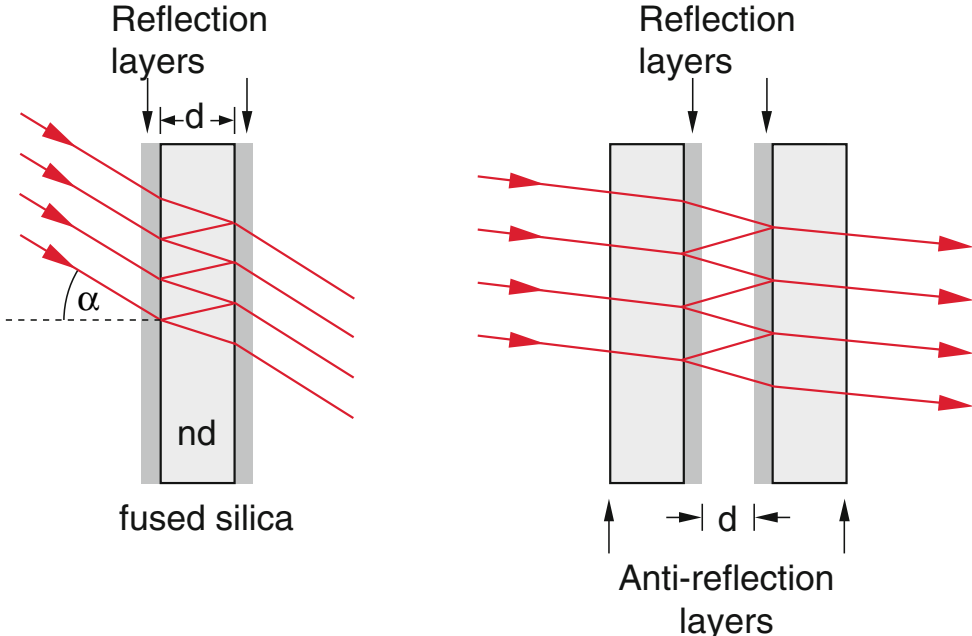
Multiple Wave Interference - Constant Intensity



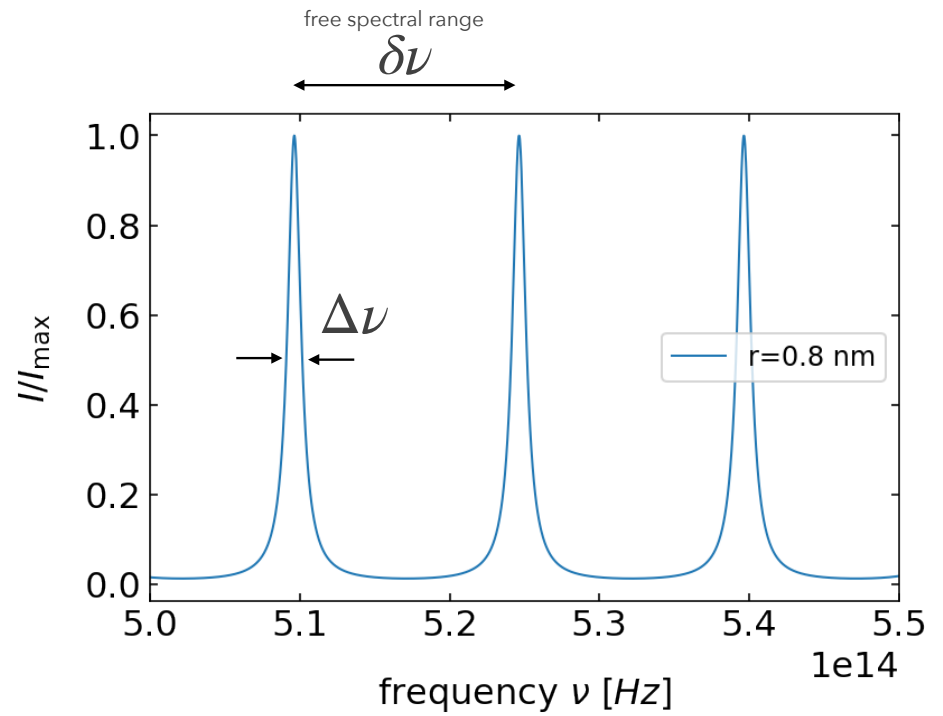
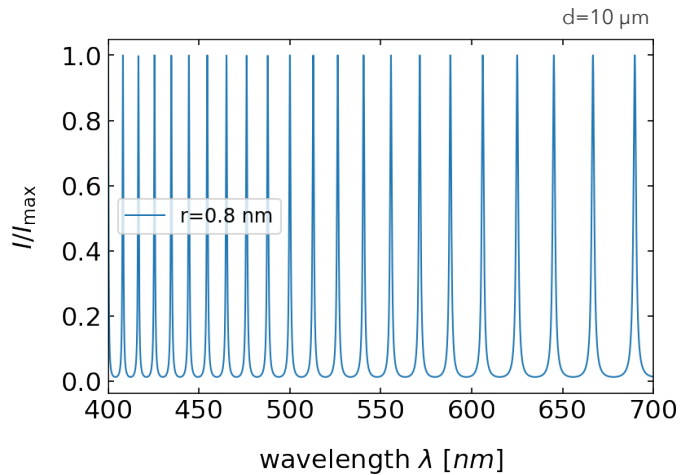
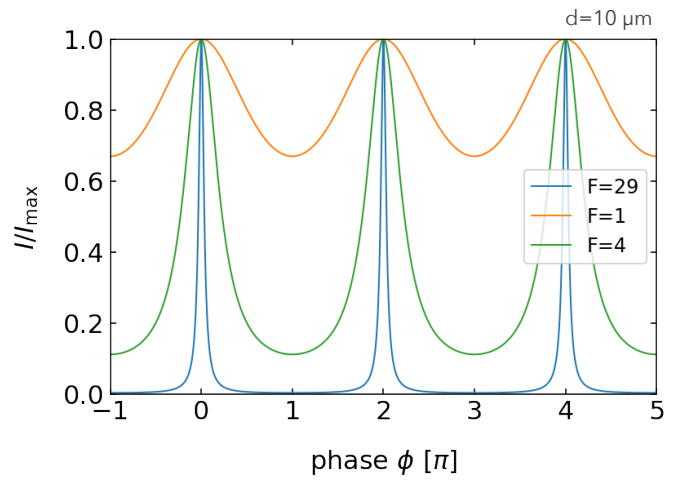
Multiple Wave Interference - Decaying Intensity



Fabry Perot Interferometer

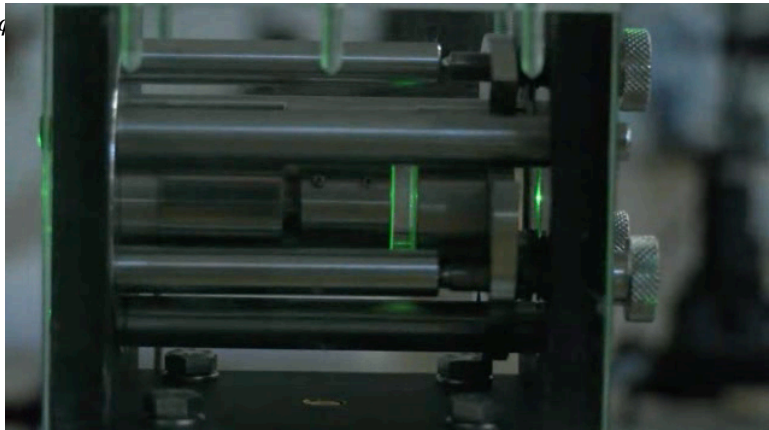
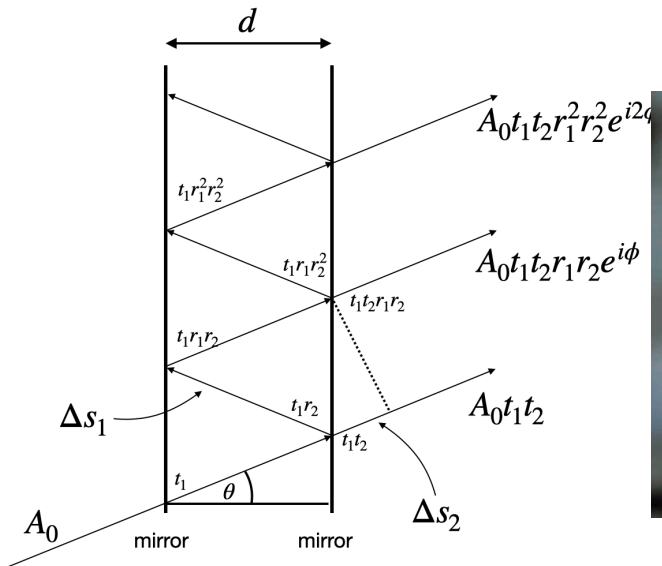


Fabry Perot Interferometer



$$\mathcal{F} = \frac{\delta\nu}{\Delta\nu}$$

Fabry Perot Interferometer



Newton Rings

