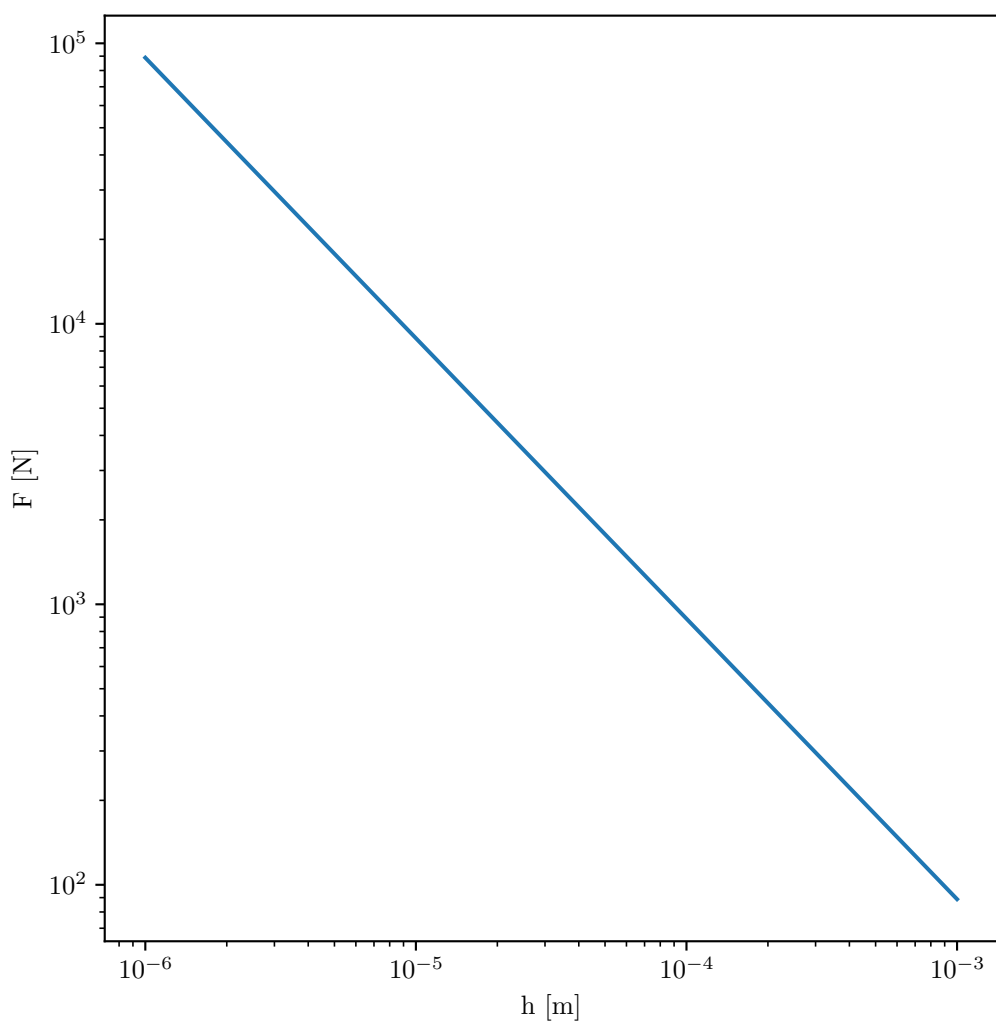
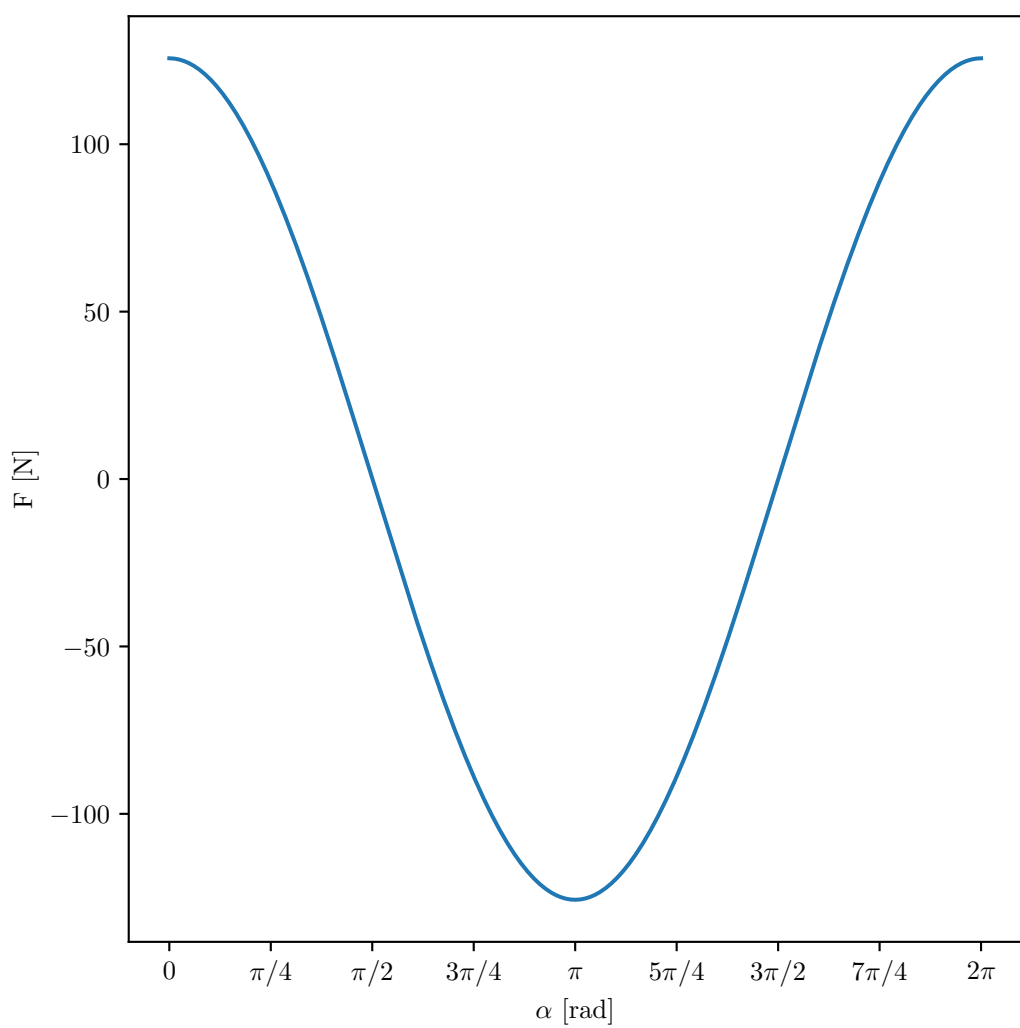


Assignment 2



The apparent power-law behavior leads to very high forces required at microscopic liquid heights.



Wetting liquids (i.e. $\alpha < \pi/2$): the plates need to be pushed together (positive force)
Non-wetting liquids (i.e. $\alpha > \pi/2$): the plates stick together (negative force).