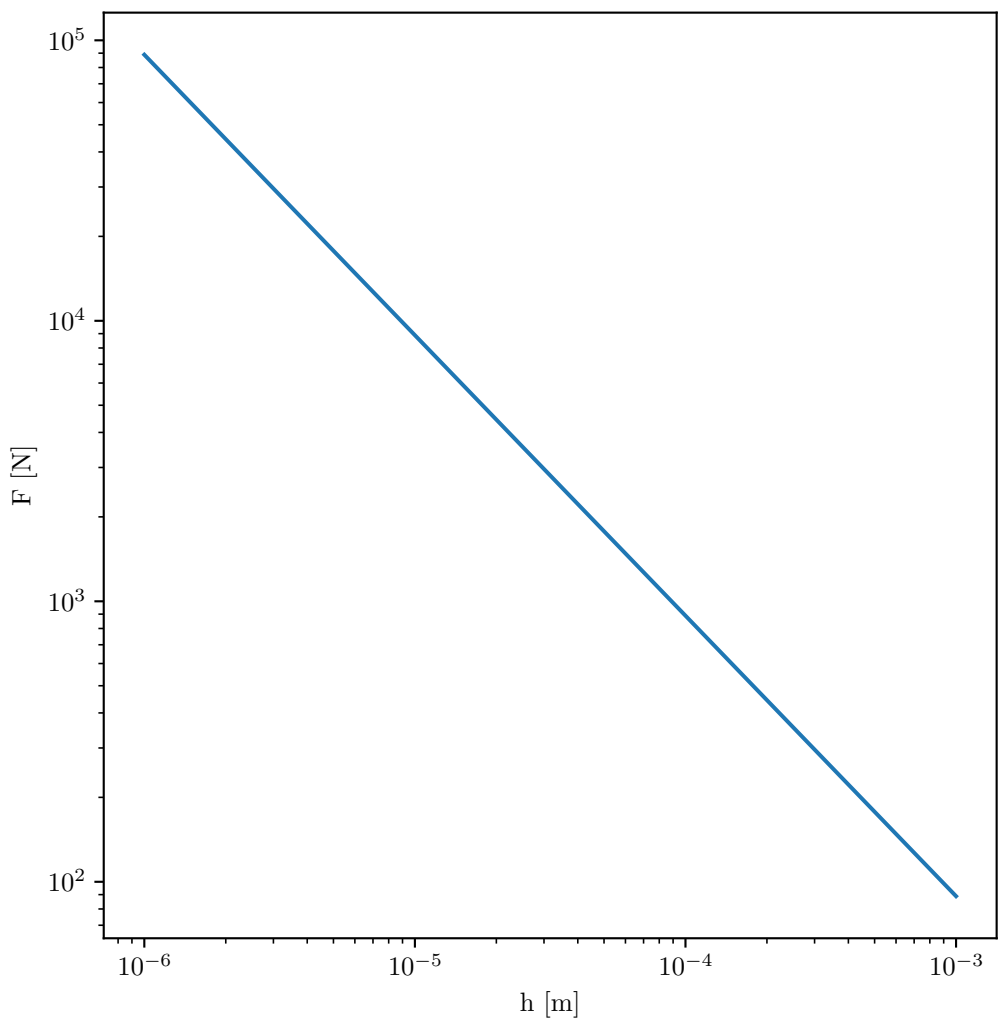
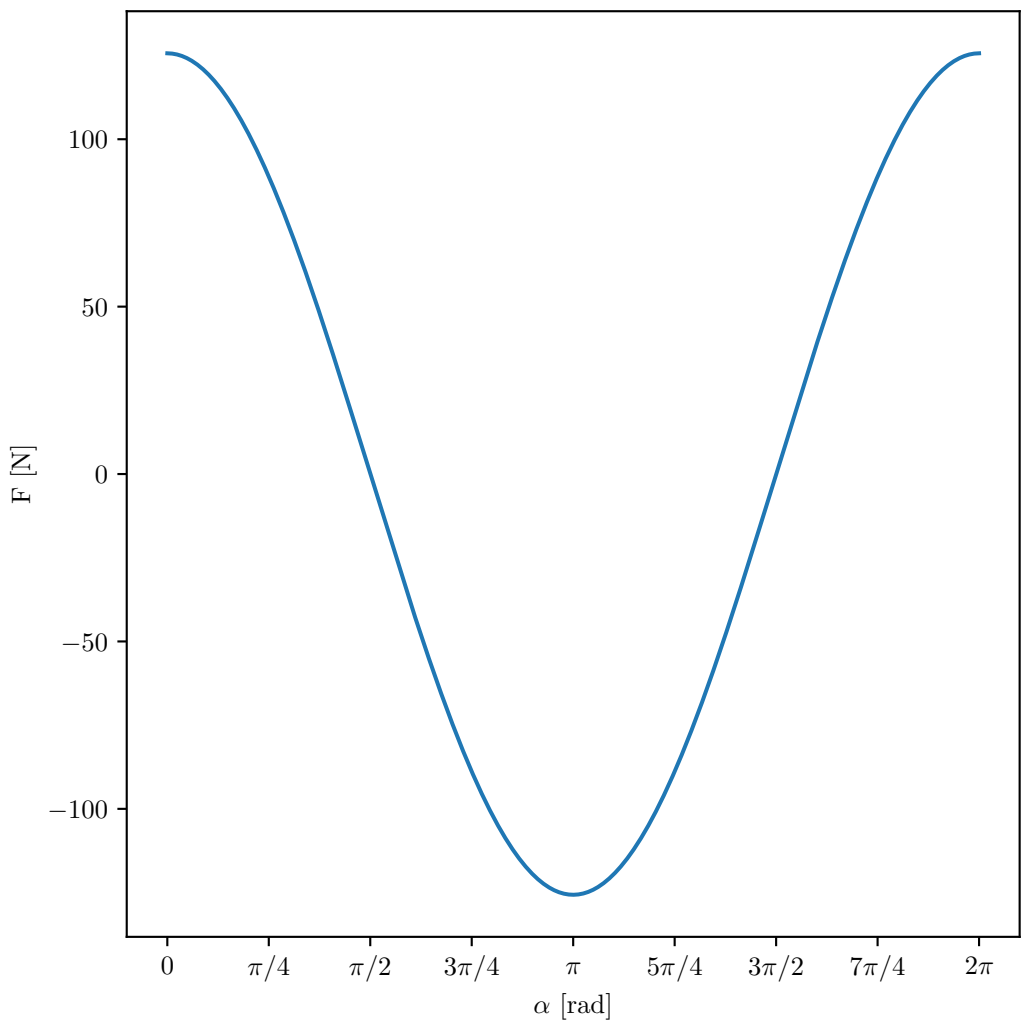


## Assignment 2



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).