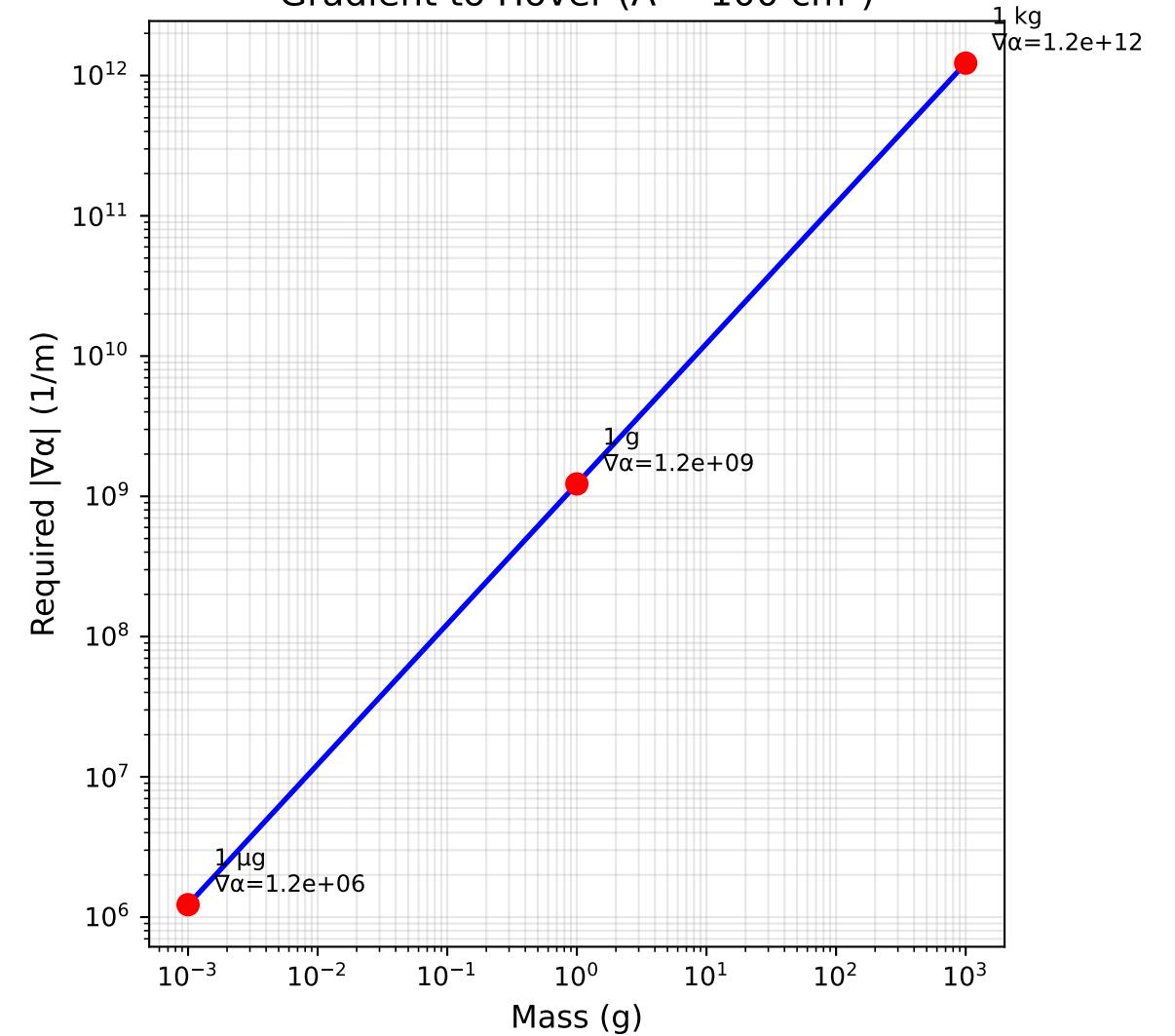
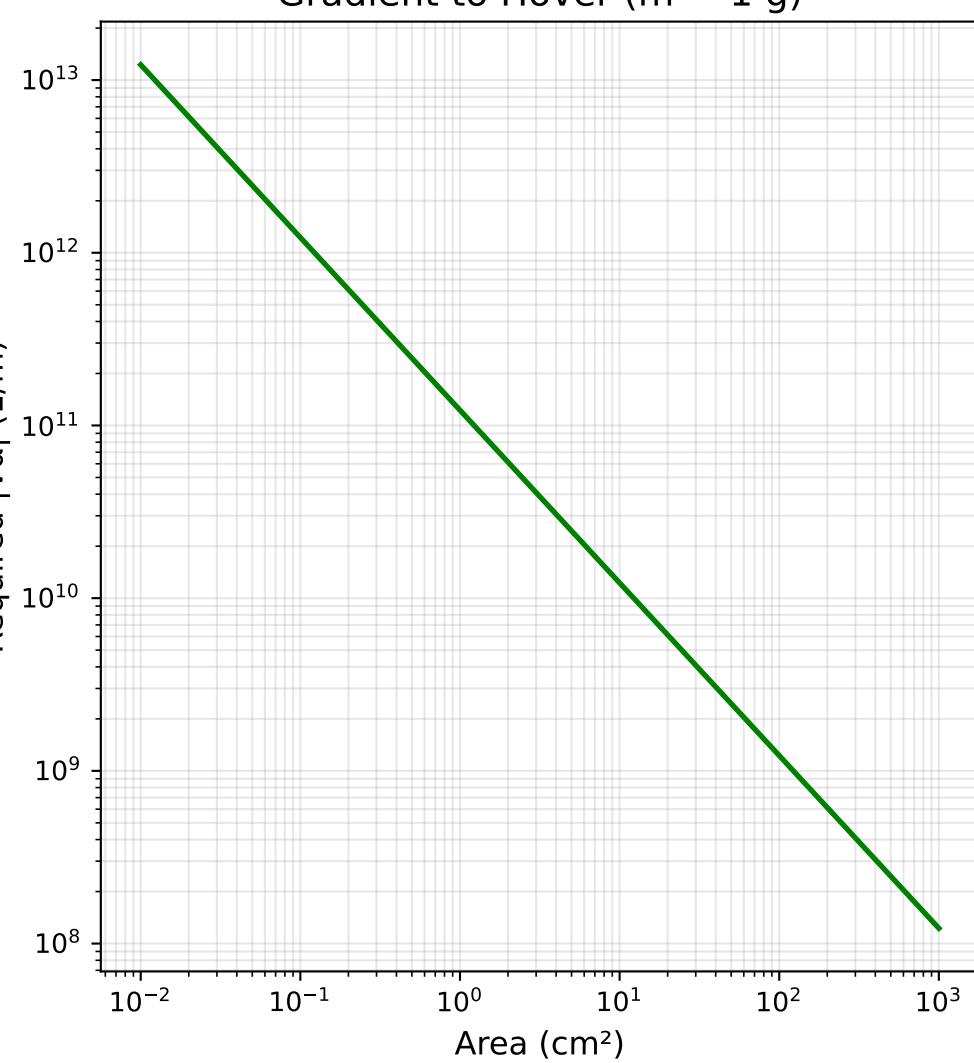
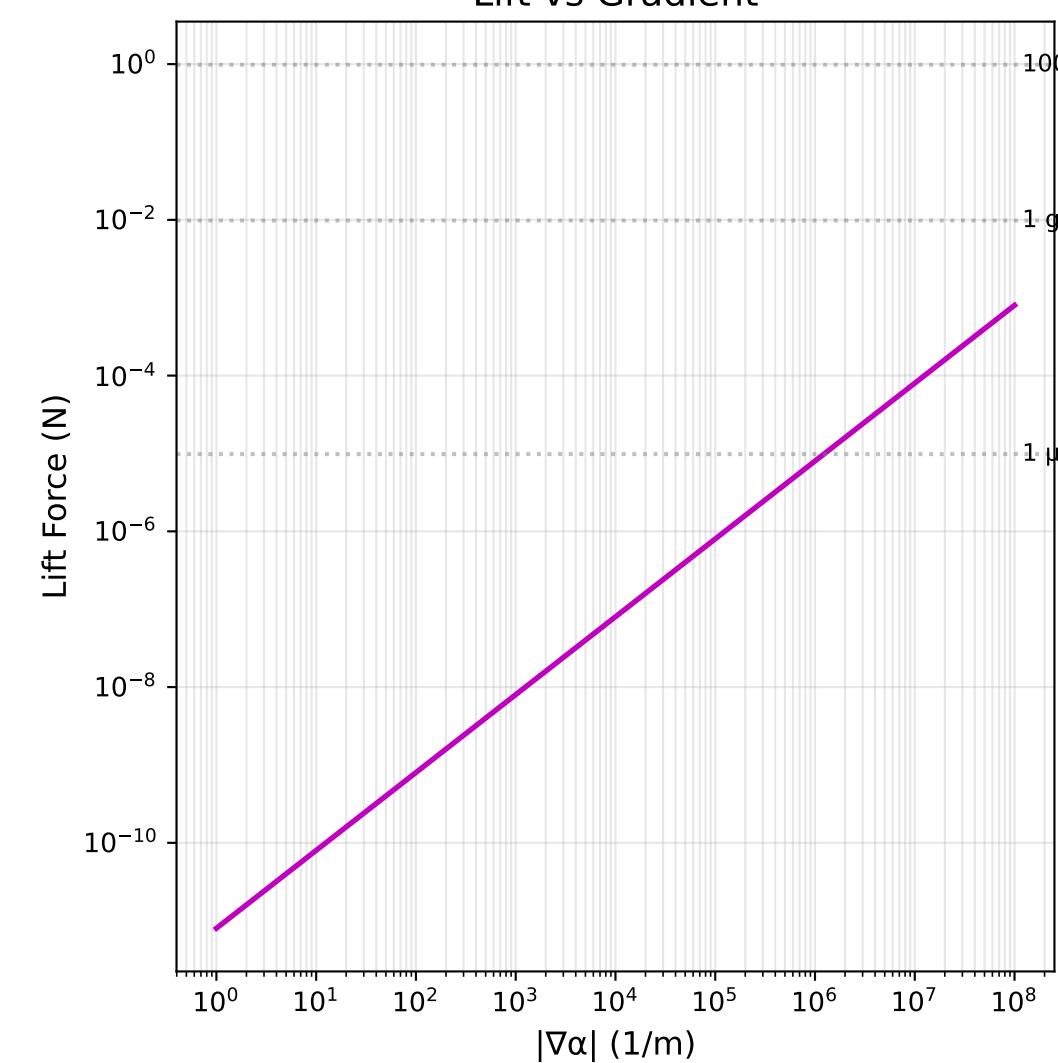
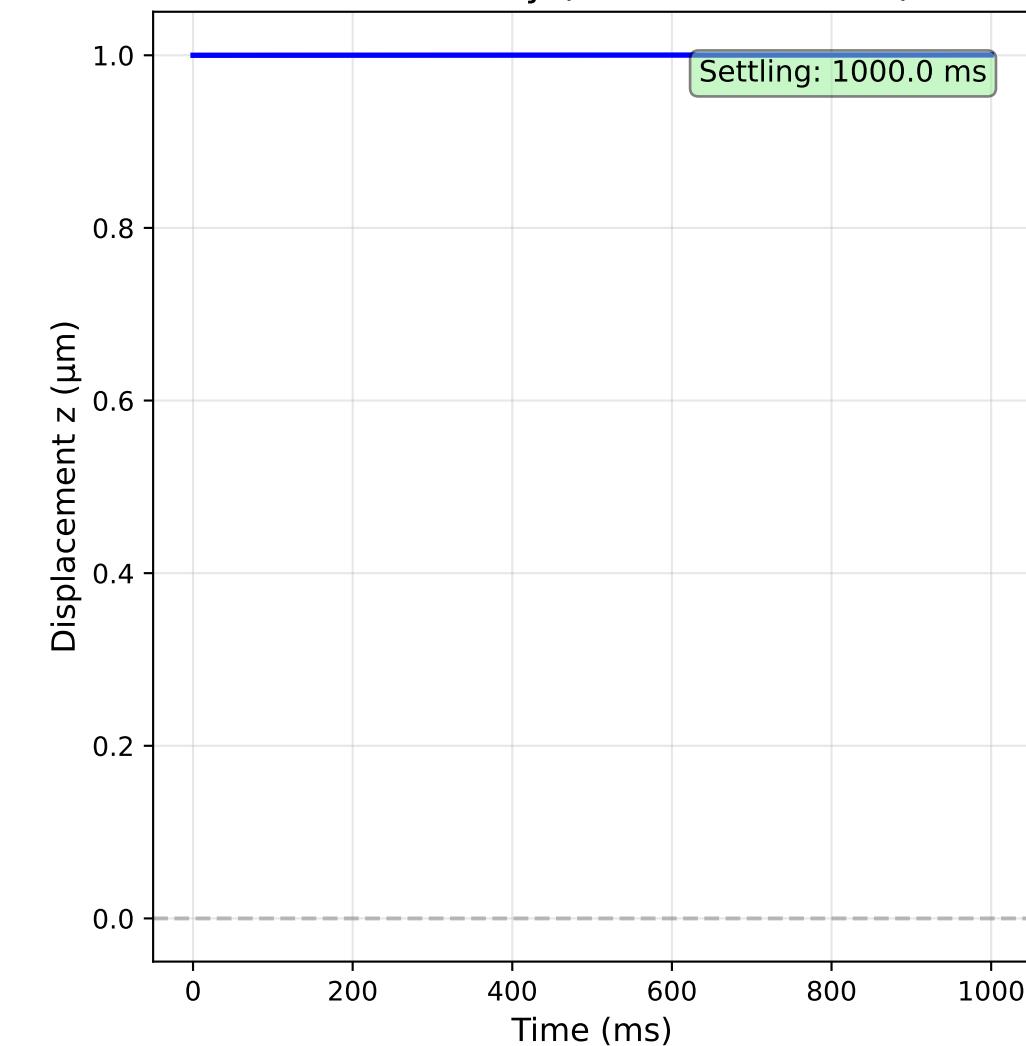


Gradient to Hover ($A = 100 \text{ cm}^2$)Gradient to Hover ($m = 1 \text{ g}$)

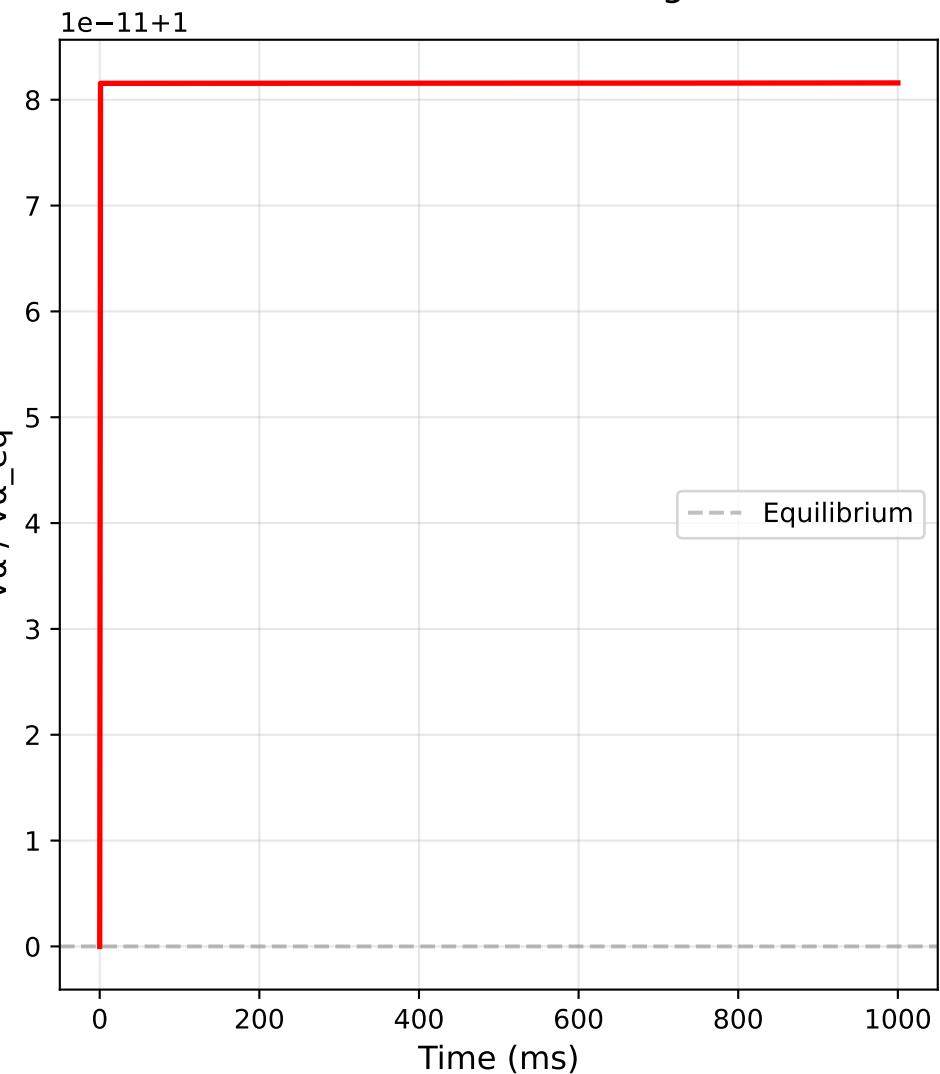
Lift vs Gradient



Hover Stability (Feedback Control)



Gradient Modulation During Control



Impact of Vacuum Energy Density

