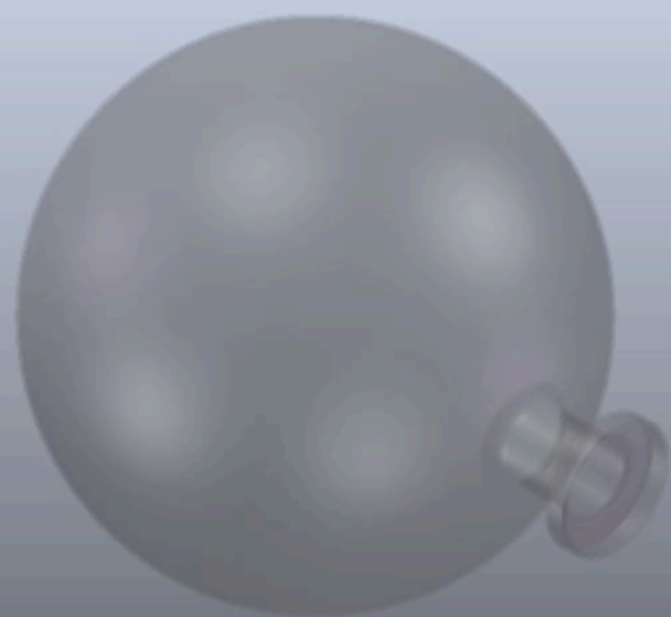
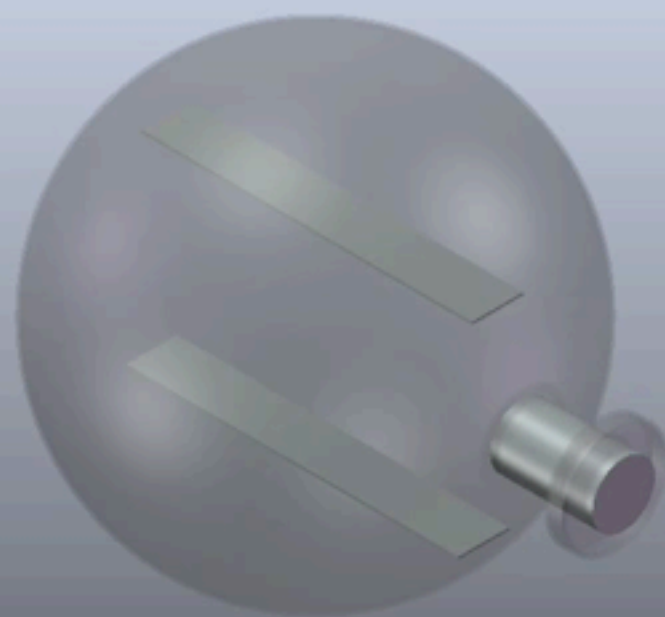
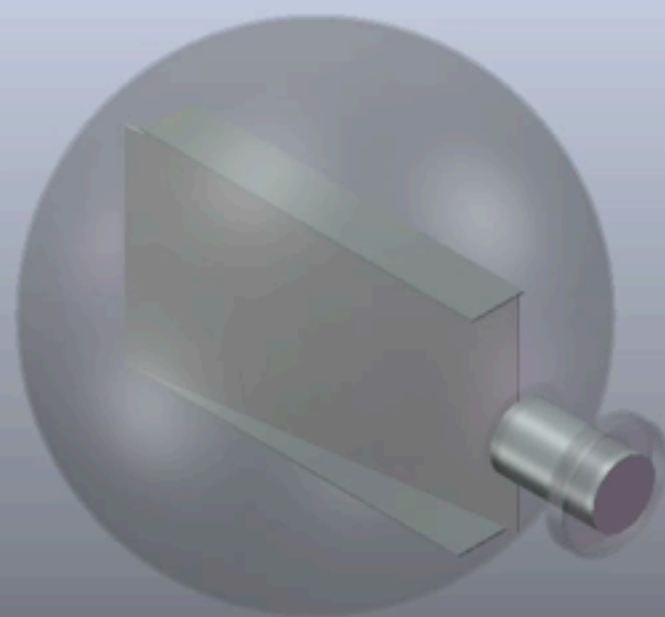


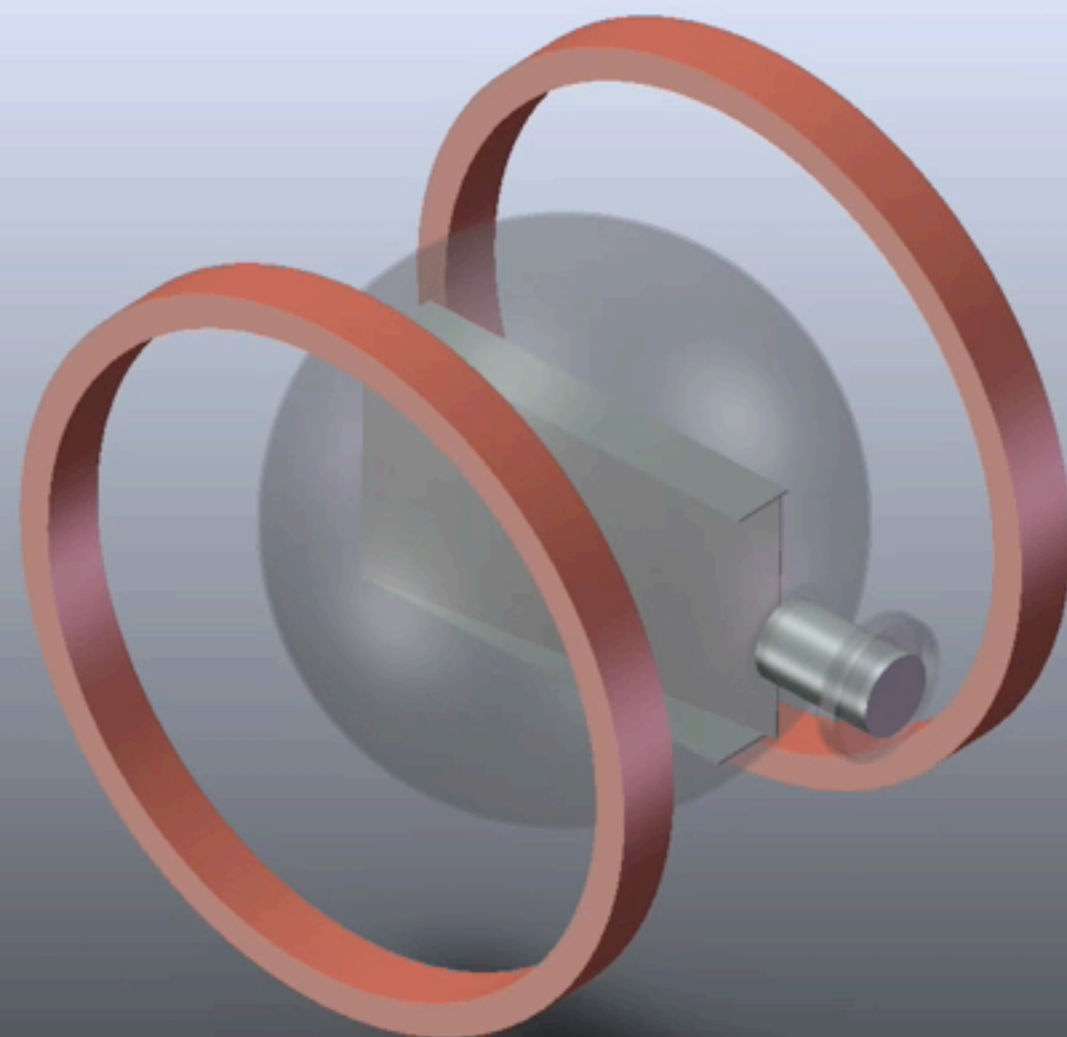
# Charge to Mass Ratio

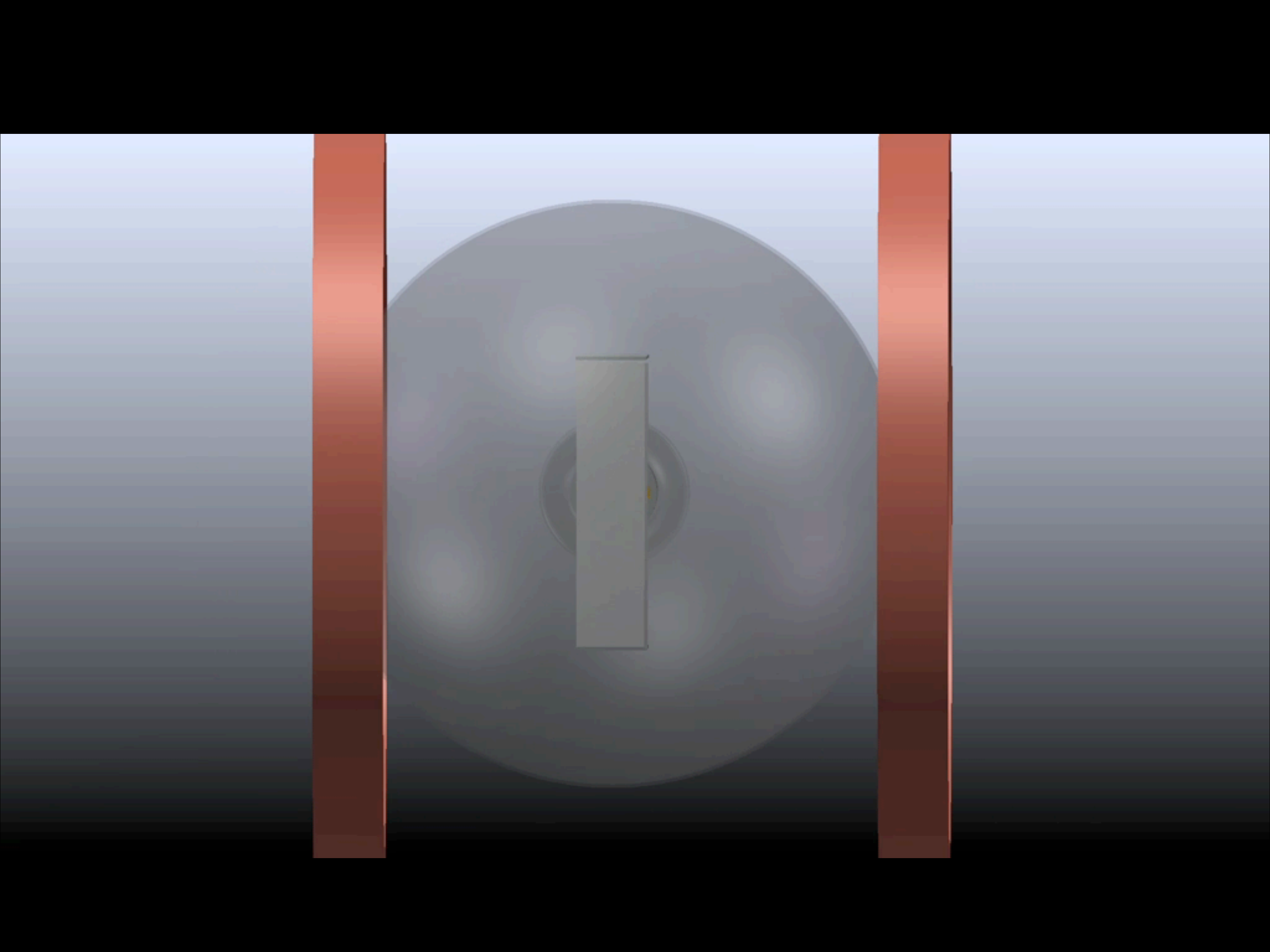
CHRISTOPHER CULBREATH  
NIK GLAZAR

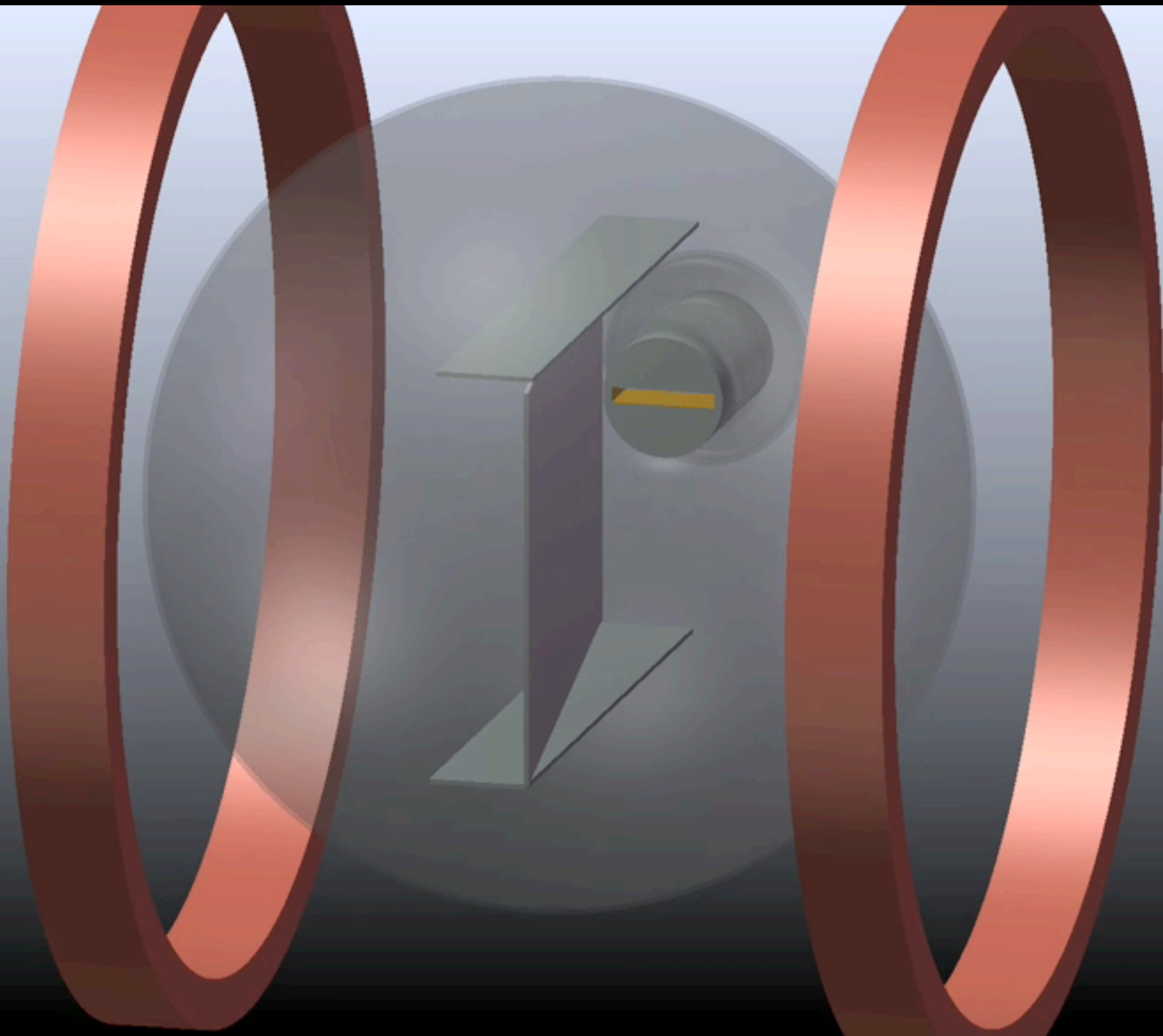




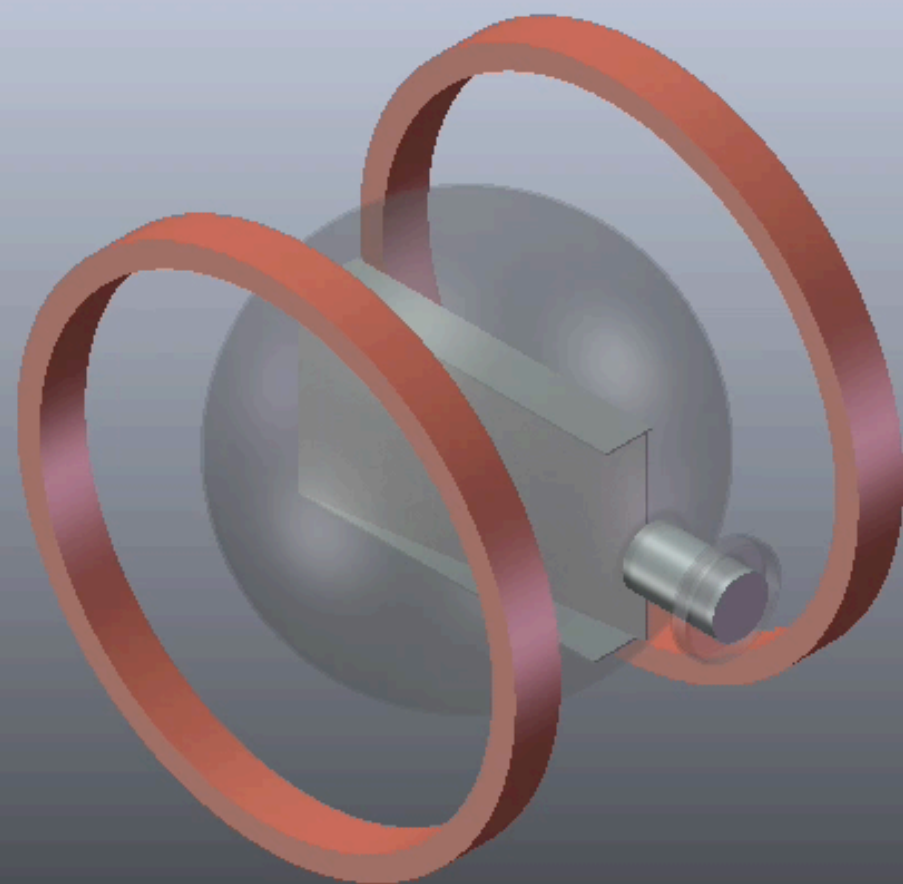


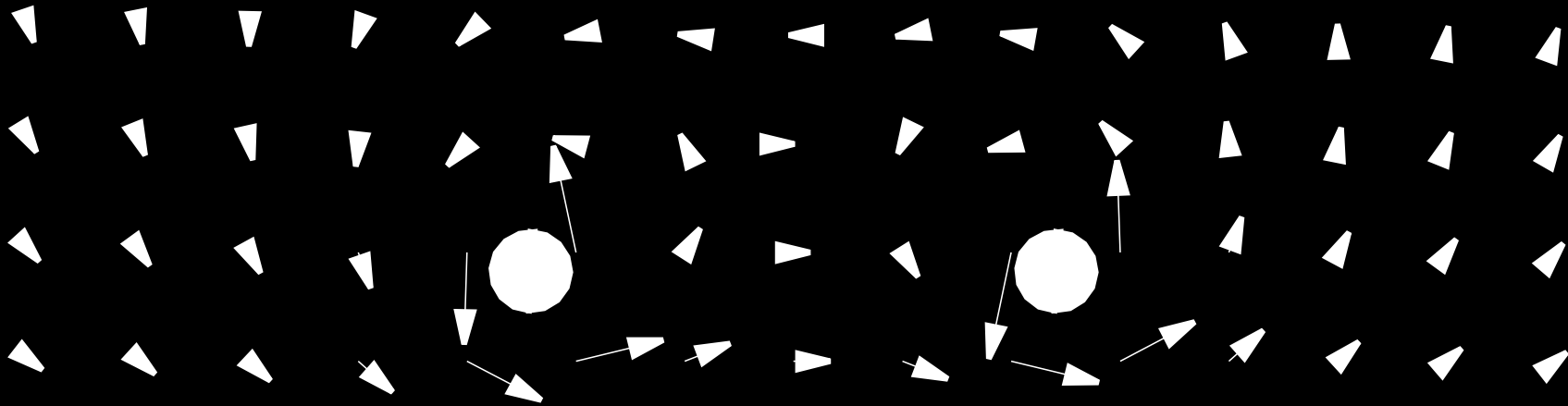




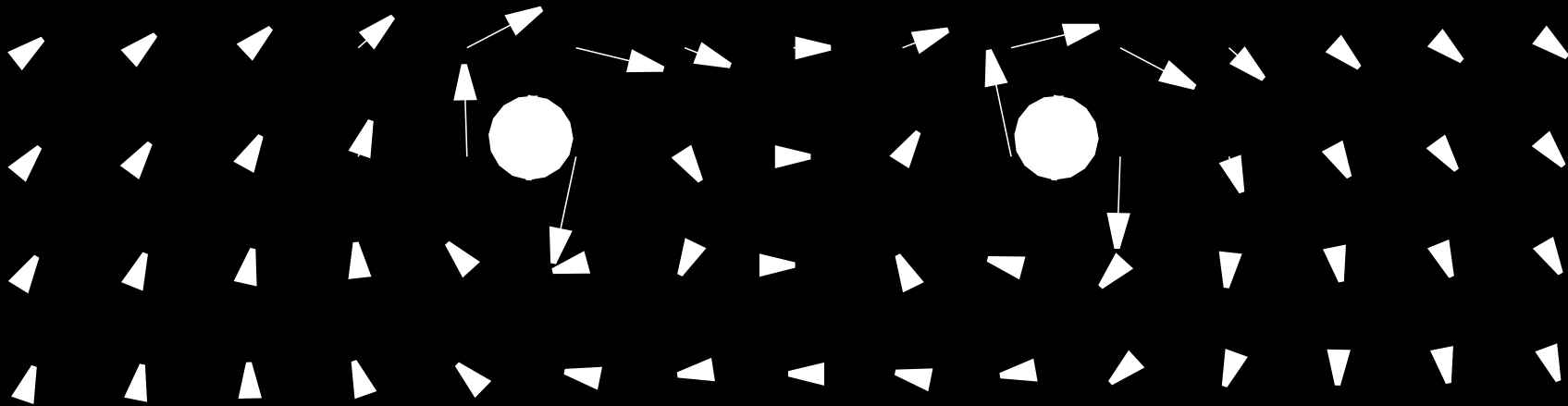


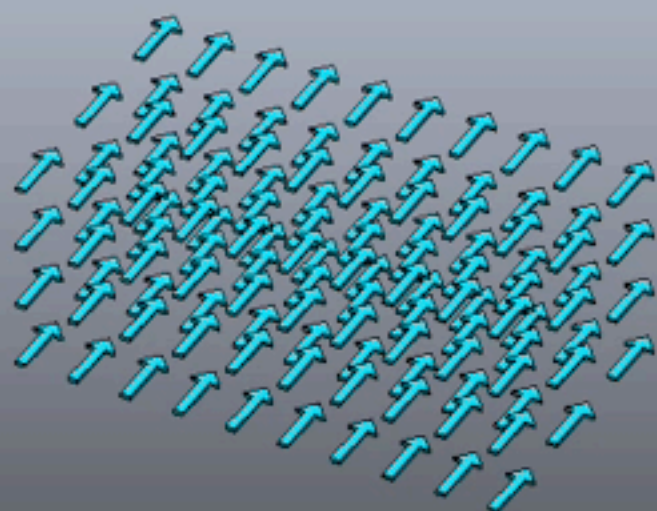


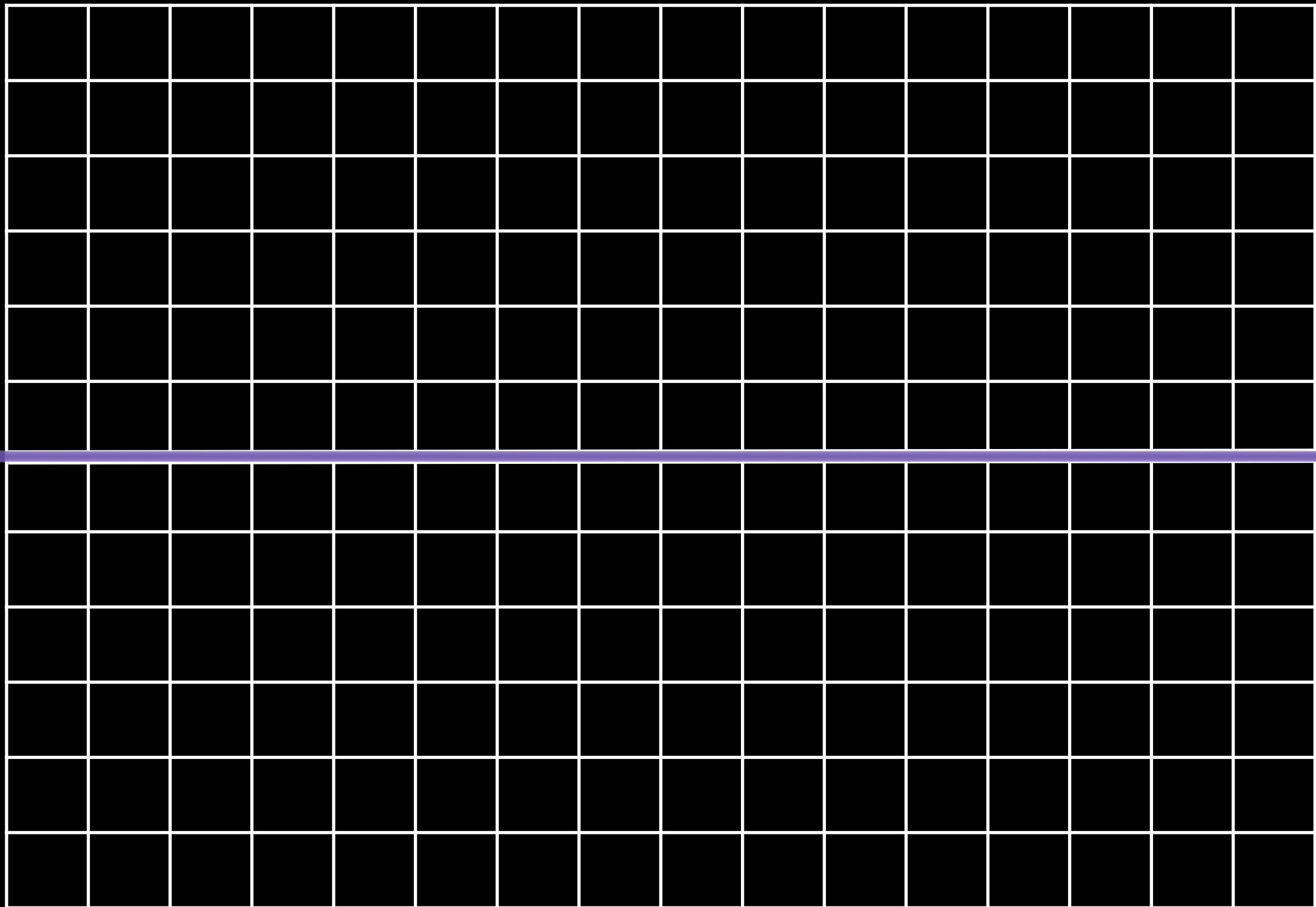


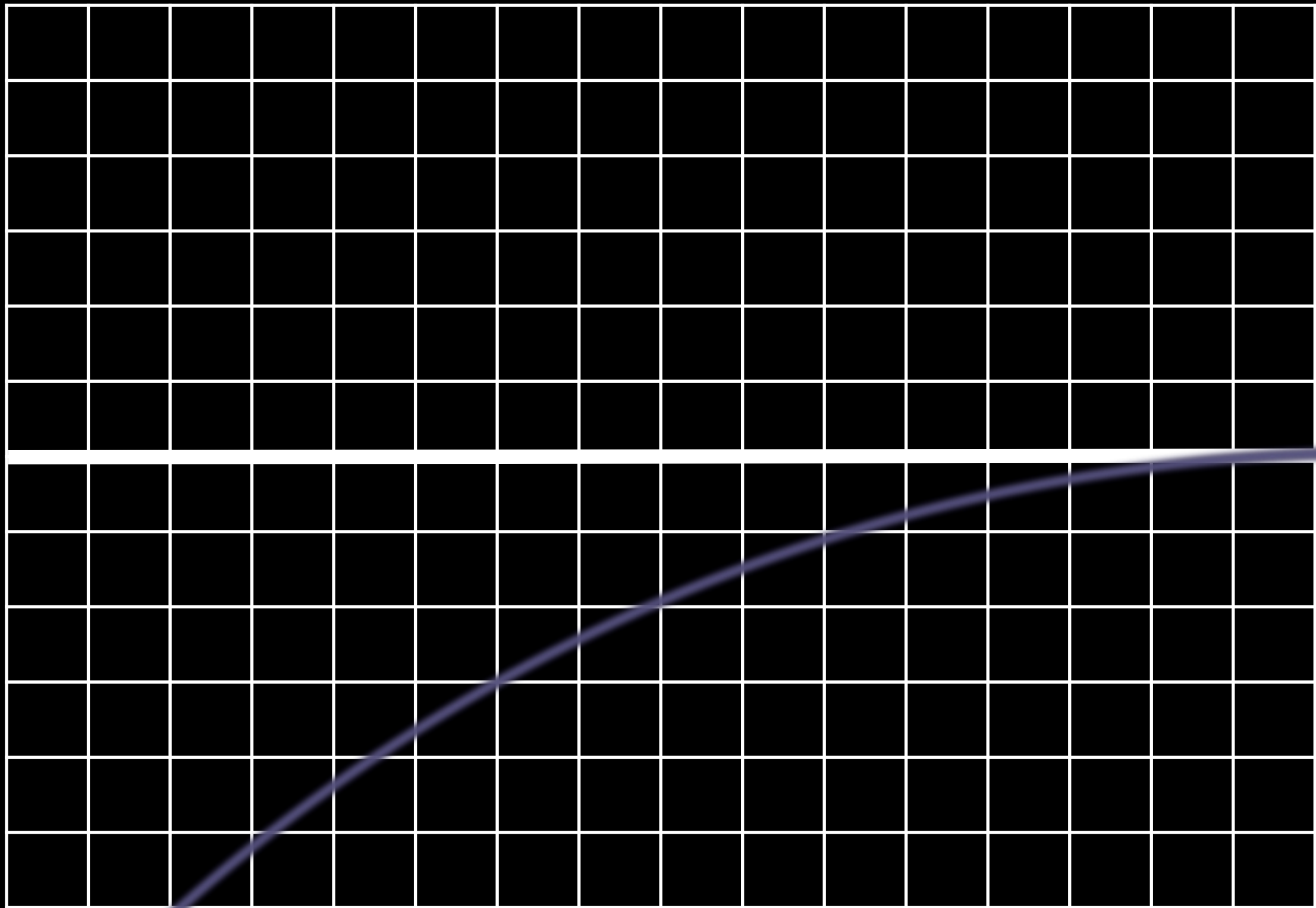


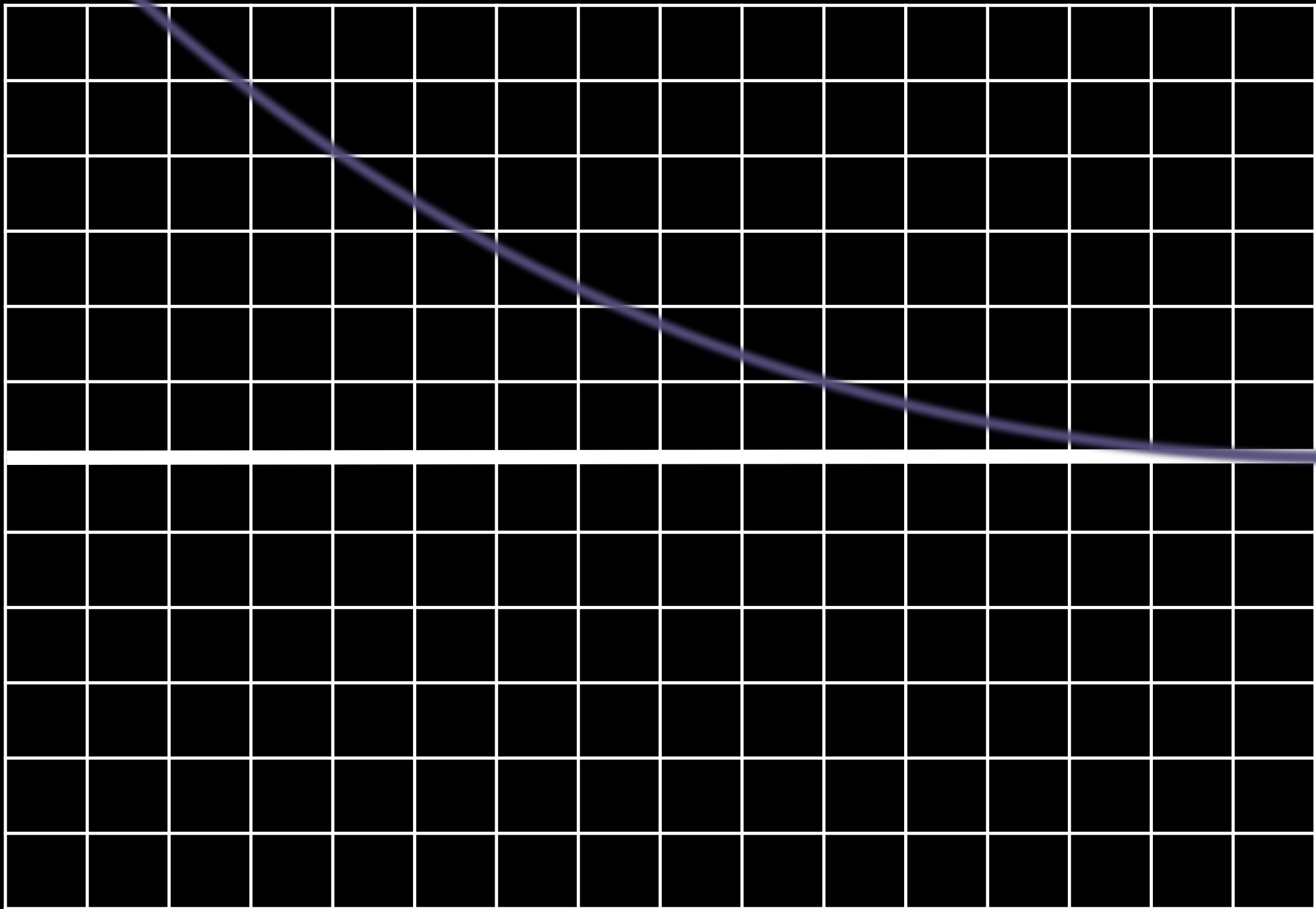
$$B = \frac{16\mu_0 NI}{\sqrt{125}D}$$

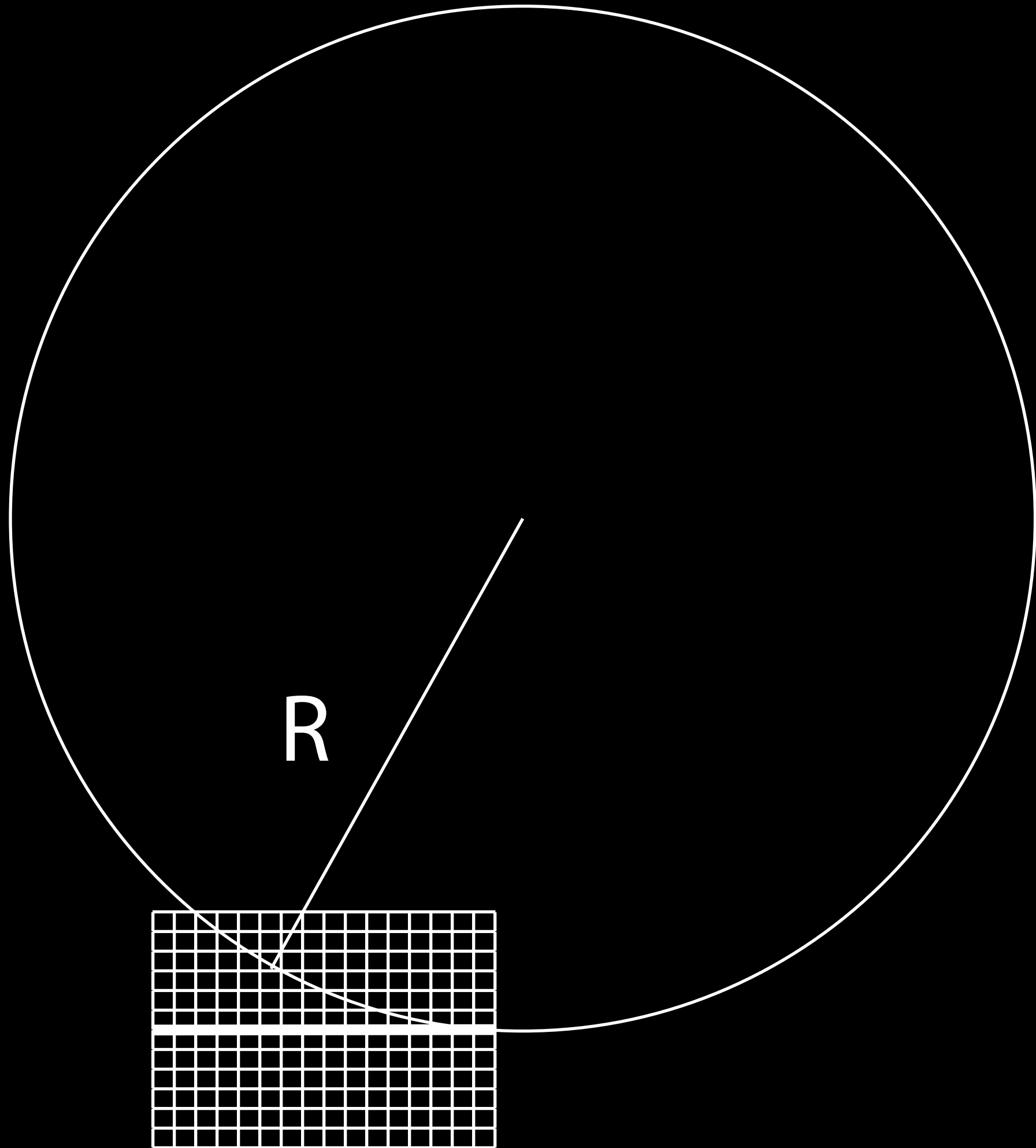












$$v\hat{t}$$

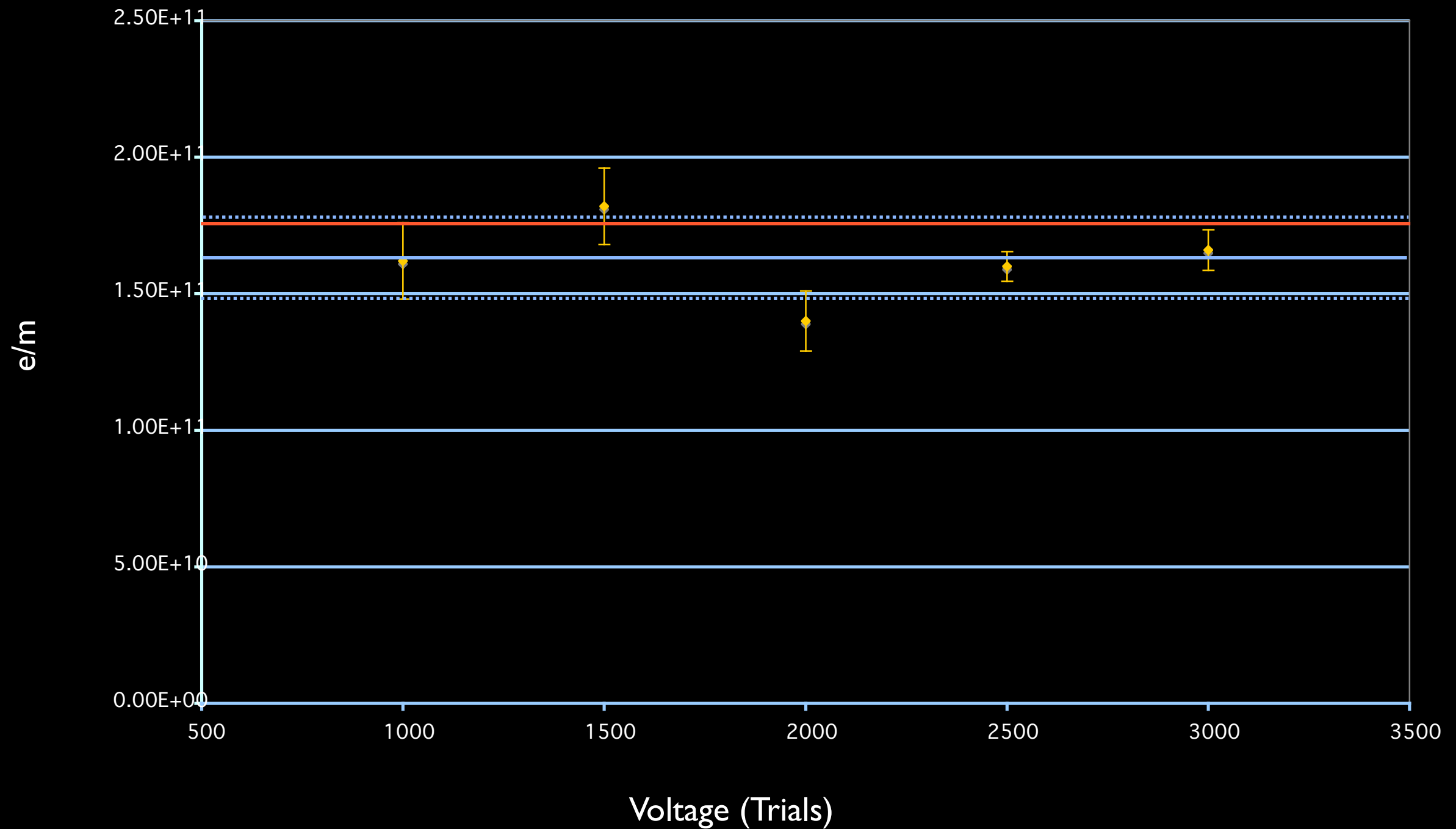
$$q(v\hat{t}) \times \vec{B}$$

$$\vec{F}_b = F_b \hat{r}$$

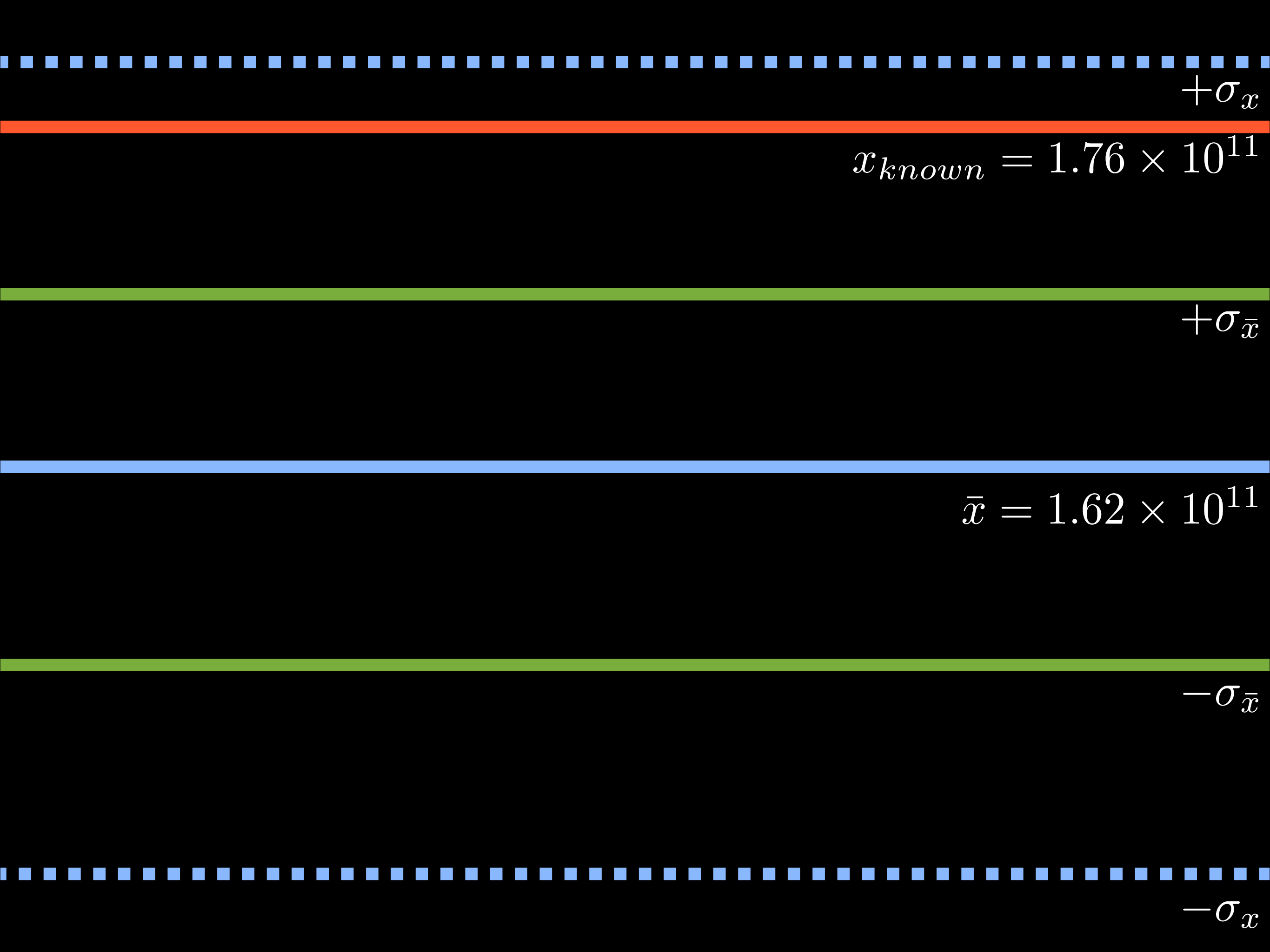
$$m \frac{v^2}{r} = Bqv$$

$$\frac{e}{m} = \frac{2V_a}{B^2 r^2}$$

# Our Results









# Sources of Systematic Error





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