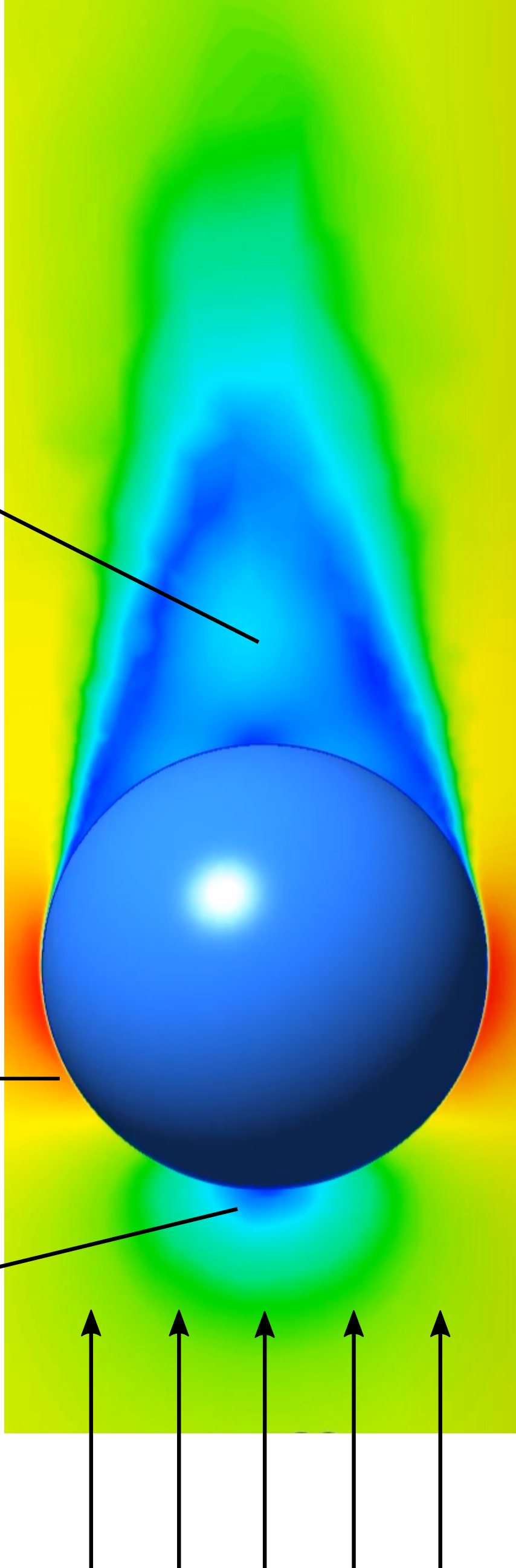


Turbulent flow  
Low pressure region

Separation point

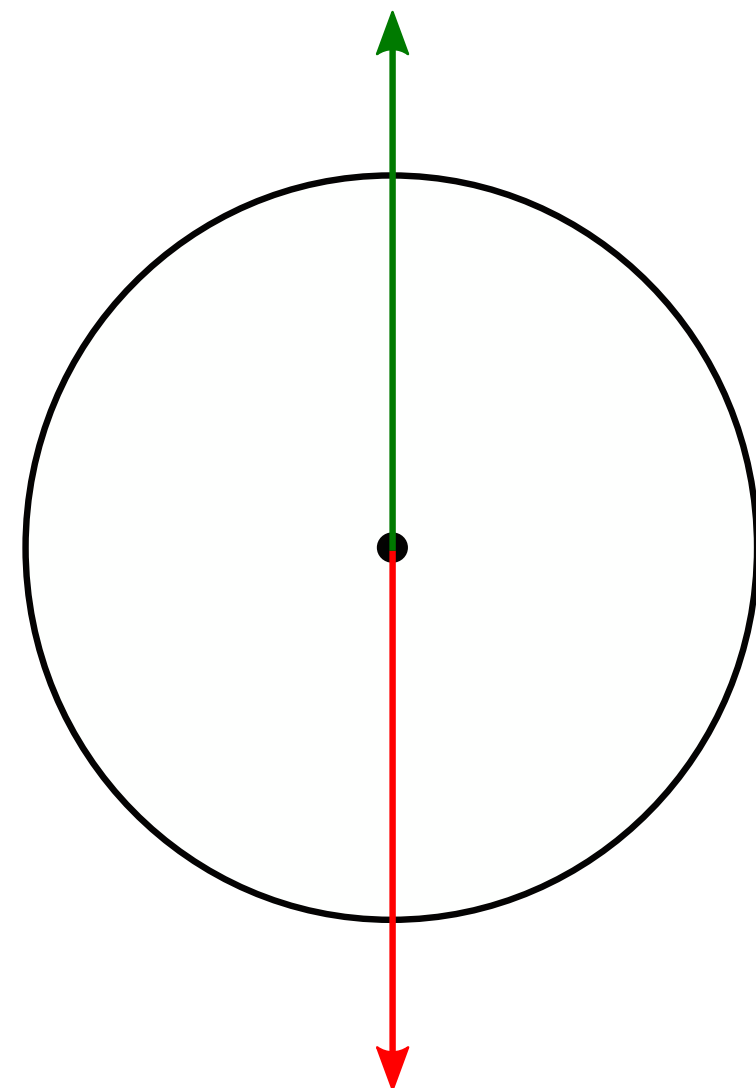
High pressure region

Airflow



Drag force

$$F_D = \frac{1}{2} \rho A C_L v_{\text{rel}}^2$$



Gravity

$$F_G = mg$$