PHY 321 DANUARY 21

= Foyj - mgj = Dvj - mgj $\vec{F}_{D} = \begin{cases} -D\vec{v}/|v| & (Fast) \\ -K\vec{v} & (slow) \end{cases}$ Two - Dinnensjon

$$G = -mg \int_{-\infty}^{\infty} f = -mg \int_{$$

 $v_{nm_1t_1q_1}(=v) = 0 m/s$ $v_{nm_1t_1q_1}(=v) = 0 m/s$ $v = \int \frac{dv}{3v^{2}} - g$