$$F_{ind} = \frac{I_{ind} W \times B}{C} = \frac{I_{ind} W (-\hat{x}) \times (-\hat{y})}{C} = \frac{I_{ind} W (-\hat{x}) \times (-\hat{y})}{C} = \frac{I_{ind} W B}{C} = -\frac{1}{Rc^2} R^2 W^2 v(E) \hat{x}$$

Threfore

When of = Treeminel , a =0.

$$0=\overline{R}=-\frac{1}{Rc^2}B^2W^2$$
 Terminal - mg

Oterminal = - mg Rc2 <0