$$F_{sup} + F_{v,e} = R$$
 $P \leq k \vee V$ 

$$F = m\bar{a} = p \vee \bar{a} \Rightarrow k = p a$$
 $F_{v,e} = P = m\bar{g} = p \vee \bar{g}$ 

$$dF_{e}(z+dz) \qquad P(x,y,z)$$

$$dz \qquad dy \qquad dF_{e}(z)$$

Statico

$$\Rightarrow \overline{dF_S} + d\overline{F_V} = 0$$

$$\times : dF_X(x) - dF_X(x + dx) = 0$$

$$y: dF_y(y) - dF_y(y+dy) = 0$$
  
 $z: dF_z(z) - dF_z(z+dz) - dmg = 0$ 

$$x : dF_{x}(x) = dF_{x}(x+dx)$$

$$p(x) dydt = p(x+dx)dydt$$

$$\Rightarrow p(x) = p(x+dx)$$

$$y : \Rightarrow p(y) = p(y+dy)$$

$$t : p(t) dxdy - p(t+dt) dxdy = pg dxdydt$$

$$\Rightarrow p(t+dt) - p(t)$$

$$= qp$$

$$= qp$$