

$$W_{A \rightarrow B} = \int_{A}^{B} dW = \int_{A}^{B} F_{T} ds$$

$$\frac{d\bar{s}}{\bar{F}} = \frac{dx \bar{u}_x + dy \bar{u}_y + dz \bar{u}_z}{fx \bar{v}_x + fy \bar{v}_y + fz \bar{v}_z}$$

$$\Rightarrow W_{\Delta \rightarrow S} = \int_{A}^{B} \overline{d} \overline{s} = \int_{A}^{B} (F_{x} dx + F_{y} dy + F_{z} dz) =$$

$$= \int_{A}^{R_{z}} F_{x} dx + \int_{Y_{\Delta}}^{Y_{S}} F_{y} dy + \int_{F_{z}}^{Z_{z}} dz$$

$$= \int_{X_{\Delta}}^{R_{z}} F_{x} dx + \int_{Y_{\Delta}}^{Y_{S}} F_{y} dy + \int_{Z_{\Delta}}^{Z_{Z}} F_{z} dz$$

$$W_{\Delta \Rightarrow g} = \int_{A}^{g} dW = W_{g} - W_{\Delta}$$

$$\overline{F}_{\lambda}$$
 $\overline{F}_{\lambda}$ 
 $\overline{F}_{\lambda}$ 

$$W_{A \rightarrow B} = \int_{A}^{B} dW = \int_{A}^{B} \overline{R} d\overline{n} = \int_{A}^{B} \Sigma_{i} F_{i} d\overline{n} =$$

$$F = cost / ds$$

$$W_{A \rightarrow B} = \int_{A}^{E} \overline{+} d\overline{n} = \int_{A}^{E} F dn = F \int_{A}^{B} dn = F |\overline{AB}|$$

Poteuse: lovoro per unito di tempo dW: Fds

$$\left[ P = \frac{dW}{dt} \right] = \frac{dW}{dt} = \frac{f}{f} \frac{dx}{dt} = \frac{f}{$$

$$[P] = [\frac{w}{t}] = \frac{\overline{t}}{s} = kgm^2s^{-3} = w \text{ (wott)}$$