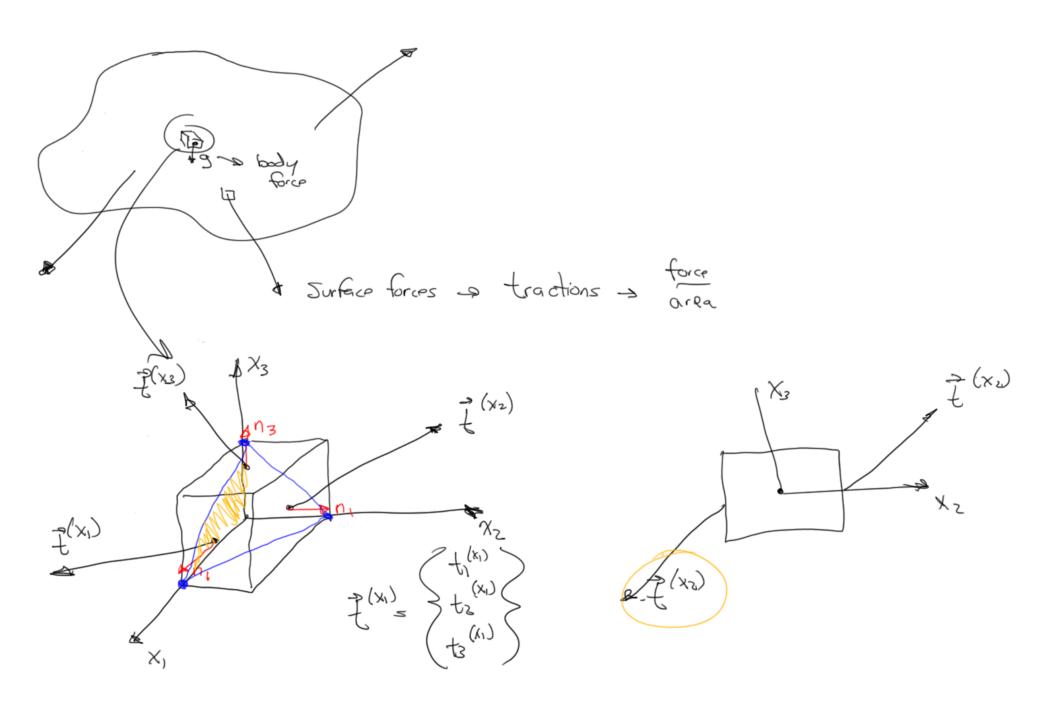
5H/ess

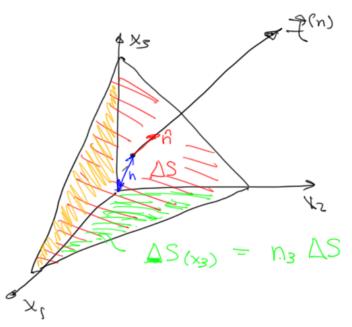
Physics 101

$$dW = \int \vec{F} \cdot d\vec{x}$$
 $\vec{X} = \vec{X}(\vec{X}, t)$ "current" configuration

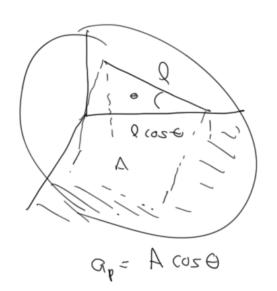
$$b = \frac{4r}{qo} = 2 \frac{1}{2} \left(\frac{4r}{qo} \right) \left(\frac{4r}{qo} \right)$$

$$P = \int \frac{f_i}{A_i} \frac{dv_i}{dx_j} dV$$





$$\hat{N} = \begin{cases} \cos(\hat{R}, \dot{x}_1) \\ \cos(\hat{R}, \dot{x}_2) \\ \cos(\hat{R}, \dot{x}_2) \end{cases}$$



$$\vec{F} = \vec{t}^{(n)} \Delta S - \vec{t}^{(x_2)} n_2 \Delta S - \vec{t}^{(x_1)} n_3 \Delta S = P_3 \Delta S \vec{d}$$
For small tet. h=0

For small tet.
$$n > 0$$

$$\frac{1}{2}(n)^{T} = \frac{1}{2}(x_{1})^{T} + \frac{1}{2}(x_{2})^{T} + \frac{1}{2}(x_{3})^{T} + \frac{1}{2}($$

