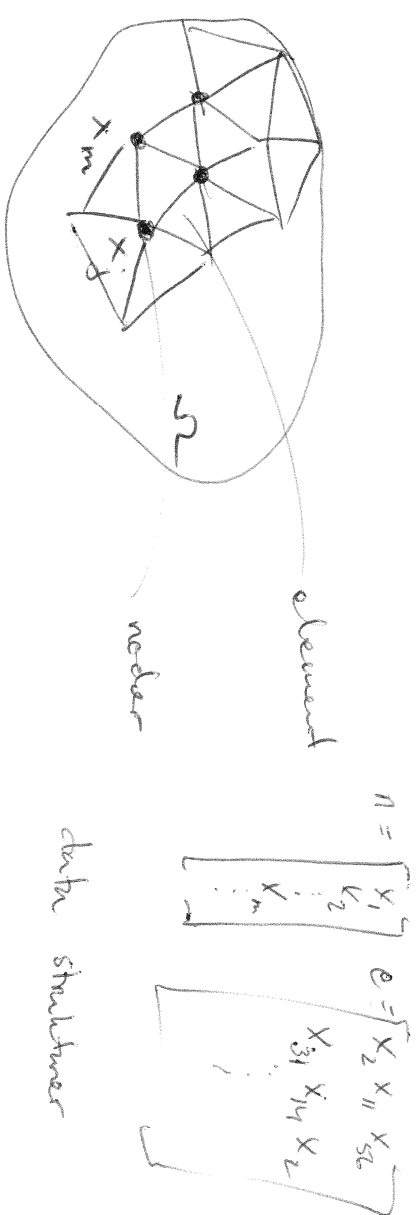


- Simplex triangulation (mesh) or set 2d inside Ω :



Basis function $\varphi_j(x)$

$$\varphi_j(x_m) = \begin{cases} 1 & \text{on } m=j \\ 0 & \text{otherwise} \end{cases}$$

$$u_h(x) = \sum_{j=0}^n u_j(x) \varphi_j(x)$$

- Ppt: Intro $\rightarrow$ skydiver approx. over mesh.
- the len v_i approx. the ?
- into parameters $u-u_h$?