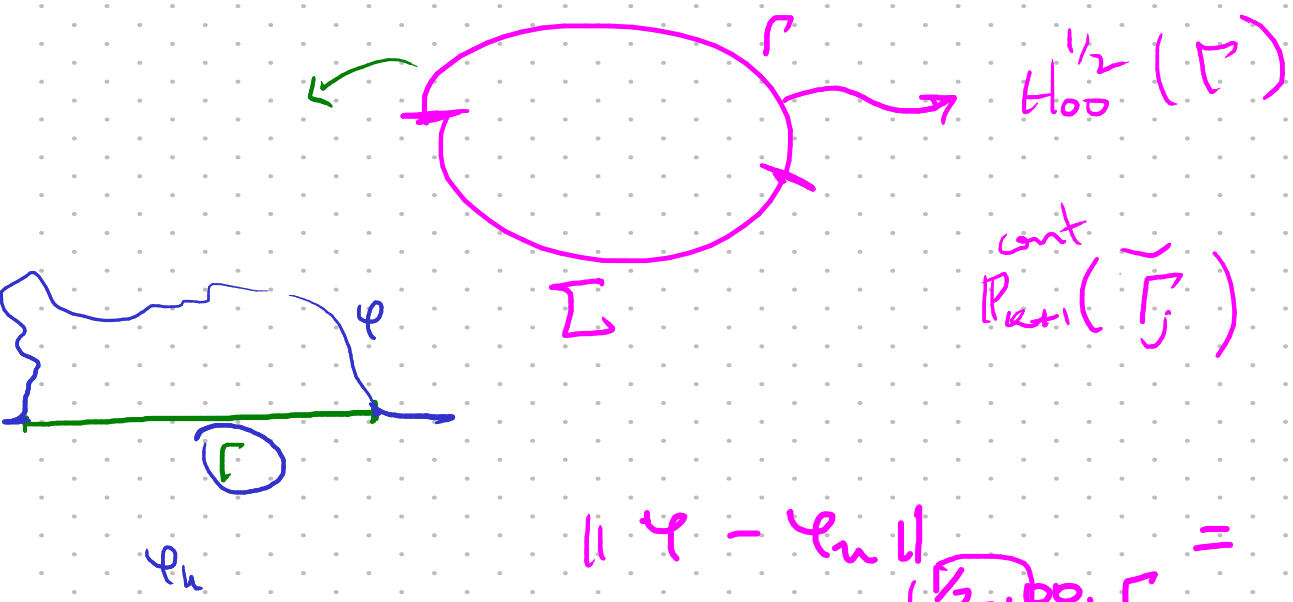


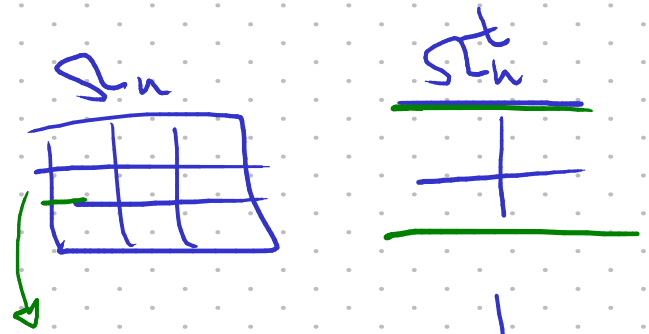
$$\|\varphi - \varphi_h\|_{1/2,00,\Gamma} = \|e_\ell\|_S$$

$$S : H^{-1/2} \longrightarrow H^{\ell}(\Gamma) = \left[H^{1}(\Gamma)\right]^{\ell}$$

$$S \approx (-\Delta\,\cdot)^{\ell}$$

$$Ax = b$$

$$A^{\ell}$$



$$\varphi \in H_{00}^{+1/2}(\Gamma)$$

η

$$dx_-$$

$$\eta \cdot n * \psi \, ds(\Gamma)$$

τ_h → Γ_h

$$T_h(\eta) \cdot \psi \, dx_-(\Gamma)$$

$\sigma_0 \in \mathbb{R}$

$\downarrow$

$\sigma_0 \leftarrow \begin{pmatrix} \sigma_{00} \\ \sigma_{01} \end{pmatrix} \otimes \begin{pmatrix} 1 \\ 0 \end{pmatrix} = \begin{pmatrix} \sigma_{00} & 0 \\ \sigma_{01} & 0 \end{pmatrix}$