

Grid Function Error Norm.

$$\| \underline{E} \|_2 = \left(h \sum_{j=1}^{m^2} |E_j|^2 \right)^{1/2}$$

where $\underline{E} = \underline{U} - \hat{\underline{U}} \in \mathbb{R}^{m^2}$

ie $E_j = U_j - u(x_j)$