

$$\begin{array}{ccccc}
\mathbb{V}^0 = H^1 & \xrightarrow{d^1 = \nabla^\perp} & \mathbb{V}^1 = H(\operatorname{div}) & \xrightarrow{d^2 = \nabla \cdot} & \mathbb{V}^2 = L^2 \\
\downarrow \pi_0 & & \downarrow \pi_1 & & \downarrow \pi_2 \\
\mathbb{V}_h^0 & \xrightarrow{d^1 = \nabla^\perp} & \mathbb{V}_h^1 & \xrightarrow{d^2 = \nabla \cdot} & \mathbb{V}_h^2
\end{array}$$