

# Leakage matrix: an example for $l=1$

$$y(\nu) = C x(\nu)$$

- $x(\nu)$  are the modes desired
- $y(\nu)$  is what we observe
- $C$  is the leakage matrix

$$C^{11} = \begin{pmatrix} 1 & 0 & \alpha_{11} \\ 0 & 1 & 0 \\ \alpha_{11} & 0 & 1 \end{pmatrix}$$