

**Input:** example  $\boldsymbol{x}_{new}$



$$\boldsymbol{y}_{\theta}(\boldsymbol{x})$$



**output:** label  $\hat{\boldsymbol{t}} = \boldsymbol{y}_{new}$

$$\boldsymbol{C}_2 = \begin{bmatrix} 0 \\ 1 \\ \vdots \\ 0 \end{bmatrix}$$