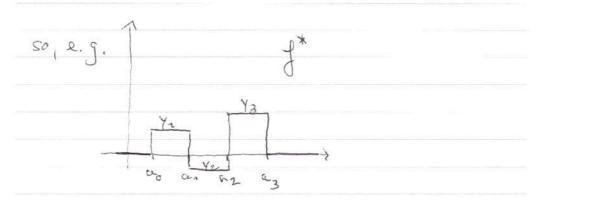
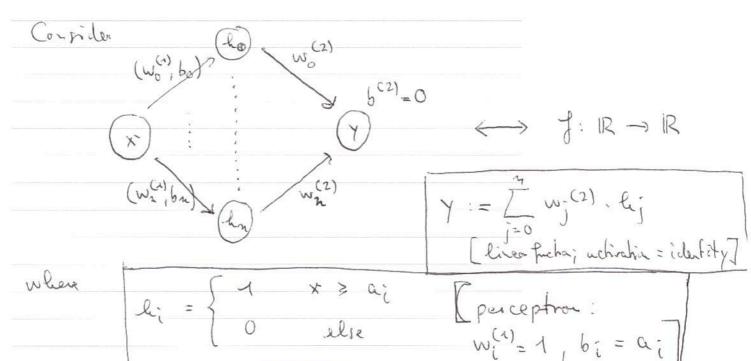


Let ao,..., an EIR; yn,..., yn EIR

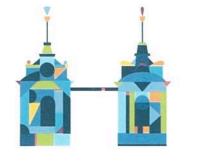
$$f: \mathbb{R} \to \mathbb{R}$$

$$\times \mapsto \begin{cases} \forall i & \text{if } x \in [a_{i-1}, a_{i}] \\ 0 & \text{else} \end{cases}$$





further choose $W_0^{(2)} := y_1$ and recurringly $W_1^{(2)} := y_{\overline{1}+1} - \sum_{i=1}^{\overline{1}-1} W_i^{(2)}$ for $\overline{i} = 1, -1, n-1$ and $W_n^{(2)} := -\sum_{j=0}^{\overline{1}-1} W_j^{(2)}$



Then $f = f^*$.



Proof:

50
$$y = \frac{n}{j=0} w_1^{(2)} \cdot k_1 = \frac{j=0}{j=0} w_1^{(2)}$$

$$= w_{i-1}^{(2)} + \sum_{j=0}^{i-2} w_{j}^{(2)} = y_{i}^{(2)}$$

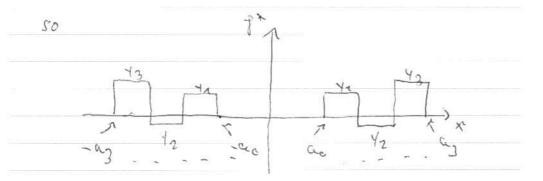
$$= y_{i}^{-1} - \sum_{j=0}^{i-2} w_{j}^{(2)} + \sum_{j=0}^{i-2} w_{j}^{(2)} = y_{i}^{(2)}$$

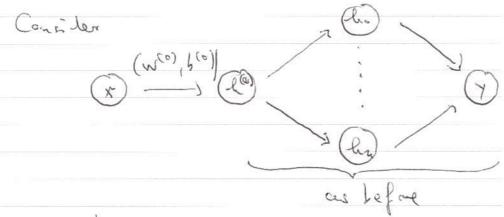
=)
$$y = \sum_{j=0}^{2} w_{j}^{(2)} \cdot 1 = w_{n}^{(2)} + \sum_{j=0}^{2-1} w_{j}^{(2)}$$





Let aging an ERT, Yning Yn ER





and w(0) = 1, b(0) = 0, entiration al (1) = 1.1

