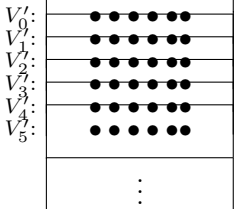


OUTPUT
EMBEDDING
TABLE



$$P(w_i \mid w_{i-1}, w_{i-2})$$

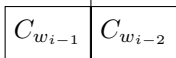
$$\frac{\exp(V'_{w_i} Z_2 + k_i)}{\sum_{\forall j} \exp(V'_j Z_2 + k_j)}$$

for each i

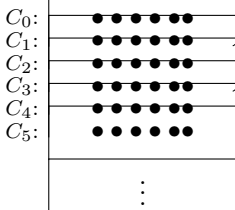
$$Z_2$$

$$\varphi(U Z_1 + b)$$

$$Z_1$$



INPUT
EMBEDDING
TABLE



$$w_{i-1}$$

$$w_{i-2}$$