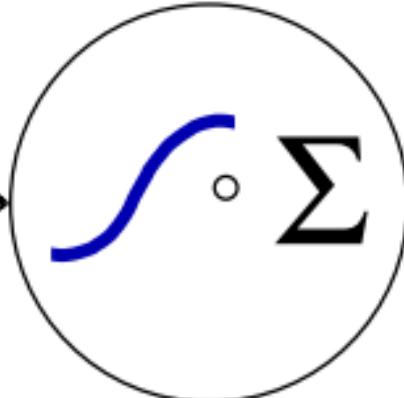


Input

 y_1^{l-1} y_2^{l-1} \vdots y_n^{l-1} w_{1j}^{l-1} w_{2j}^{l-1} w_{nj}^{l-1} ρ

Output

 y_j^l 