

(Vectorized implementations of neural network)

retarn a out

[Vectorization]

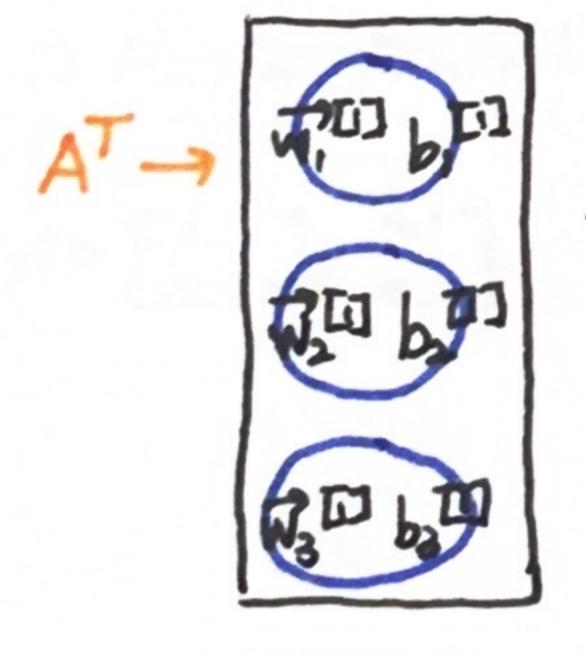
def dense (A-in, W.B):

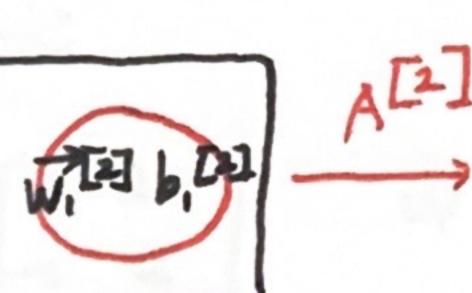
matnix

multiplication

all 2D arrays

* Matrix multipliation





- Transpose AT = [200 117]

$$W = \begin{bmatrix} 1 & -3 & 5 \\ -2 & 4 & -6 \end{bmatrix}$$

apply signed function on matrix Z