

Compute adaptive weight for ANN (by hand)

Given the initial weights:

w_{1j}	w_{1i}	w_{2j}	w_{2i}	w_{3j}	w_{3i}	w_{jk}	w_{ik}
0.2	0.1	0.3	-0.1	-0.1	0.2	0.1	0.5

Input: [1, 0.4, 0.7]

Nodes:

(1,2,3) \rightarrow (j,i) \rightarrow k

Calculate the updated weights for the first iteration.