

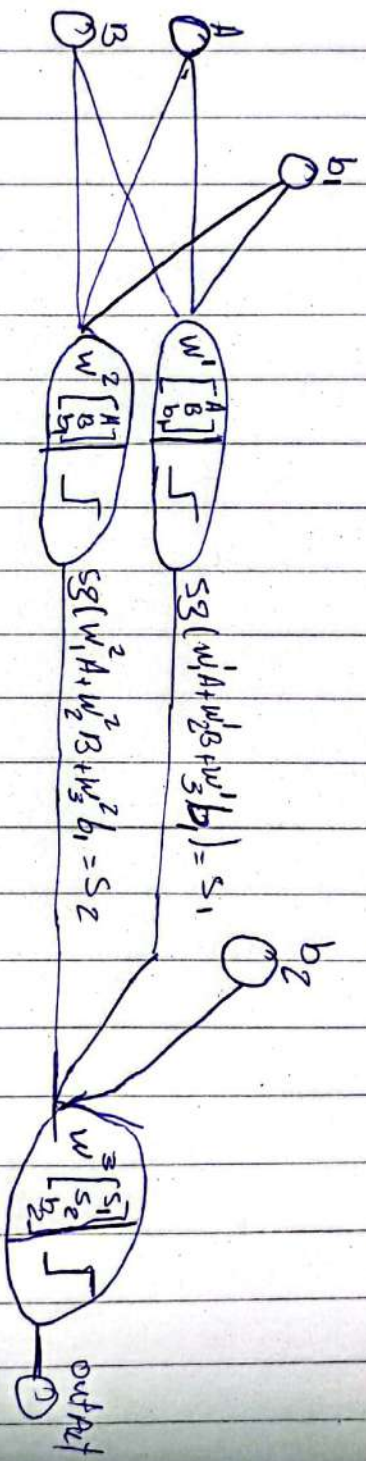
A	B	$4A + 7B$
0	0	0
0	1	0
1	0	1
1	1	0

truth table of ~~1~~ ~~5~~ ~~1~~ ~~1~~

$$w^1 = [1 \ 0 \ 0]$$

$$w^2 = [0 \ -1 \ 0.5]$$

$$w^3 = [1 \ 1 \ 5]$$



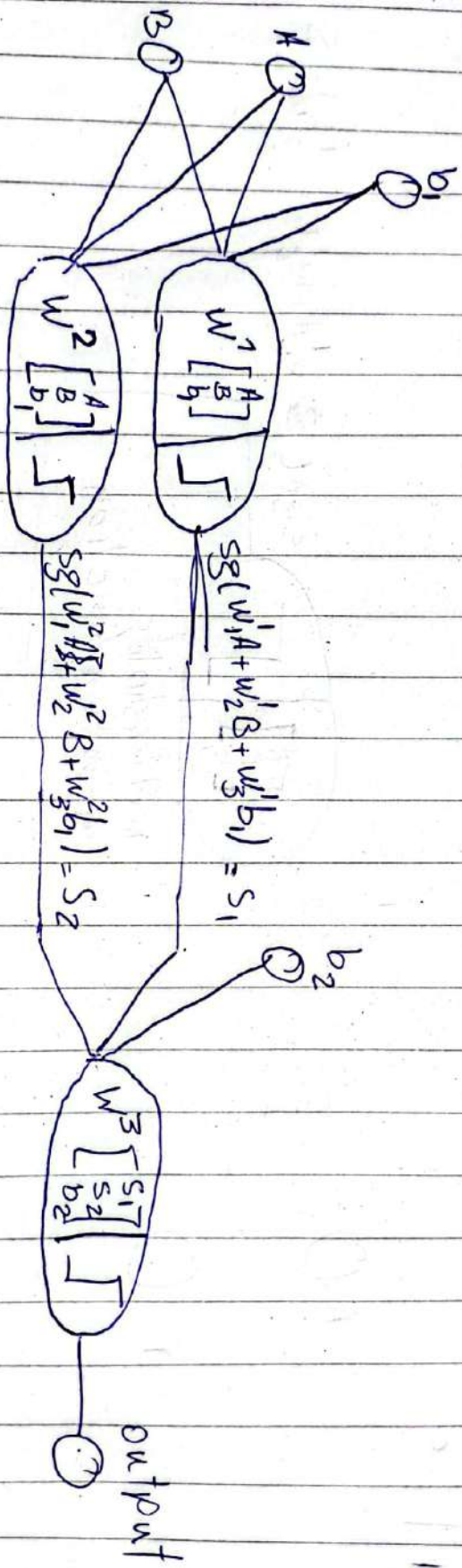
~~$(A \ 1 \ 7B)$~~

$$(A \ 1 \ 7B)$$

A	B	A XOR B
0	0	0
0	1	1
1	0	1
1	1	0

truth table ~~of XOR~~

net



$$W^1 = \begin{bmatrix} 2 & 2 & -1 \end{bmatrix}$$

$$W^2 = \begin{bmatrix} -1 & -1 & 1.5 \end{bmatrix}$$

$$W^3 = \begin{bmatrix} 1 & 1 & -1.5 \end{bmatrix}$$

$$(A \text{ XOR } B)$$