Me Cueloch Pits Henron MCP model: Is directed meigent paths Is neuron may may not fine. Is neights may be excitatory or inhibitory. fresticular neuron laure same is fixed flueshold. 4 Jin >,0 Hyin = yin €0 0 > nw-p excitatory ips but not inhibitory kw ≥0>(K-1)w.

## AND Take using MCP

Assume w, = 10=1

Yin1 = 1x1+1x1=2  $y_{in1} = |x| + 0x| = 1$   $y_{in1} = |x| + 0x| = 1$   $y_{in1} = |x| + 0x| = 1$   $y_{in2} = |x| + 0x| = 1$   $y_{in3} = |x| + 0x| = 1$   $y_{in4} = |x| + 0x| = 1$ 

Yin3 = 0x1+1x1=1 Yn4= 0x1+0x1=0

Y'n < 2.

# AND NOT Taske

$\infty_{l}$	N2	17	
0	0	0	$W_{i} = 1$
0	1	0	$w_2 = -1$
1	0	1	
1		0	IAZ 1

Yn 12 0x1+0x(-1)=0

Yin 2 = 0x1+1x-1=-1

Jin 3 = 1 1 + 0 n-1 = 1

Jin 4 = 1x1 + 1x-1 = 0 @ Oberoi Hotels & Resorts

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4 = X1 X2 3 = X1 X2 0 | 0 (AND NOT) 7 = 4 OR Z



