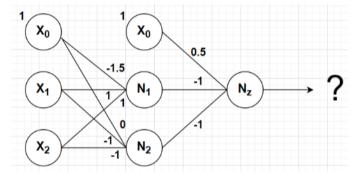
Question:

What is this gate? Identify the logical gate for every neuron. Show all the steps taken to solve this and identify which logical gate the output of the network corresponds to. Assume the threshold for the activation function is 0.



$IF((X_n^*W)+(X_n^*W)+(X_0^*W)>=0, 1, 0)$				
Where X_n are the respective neurons in the graph	and W is the corre	ect edge leading to	the correct node.	

		Δ.	ND		NAND		VOD						
		Al	אט		INAIND		AUR	XOR					
X1	X2	N.	1		N2		Nz			Y: g(x;w)			
	0	0 =1	F(((A24*1) + (B24*	1) -1.5)>=0, 1,0)	=IF((A24*-1) + (I	324*-1) >= 0, 1, 0)	=IF(((C24*-1)+(D24*-1)+0.5)>0	, 1, 0)	=E24			
	0	1 =I	F(((A25*1) + (B25*	1) -1.5)>=0, 1,0)	=IF((A25*-1) + (I	325*-1) >= 0, 1, 0)	=IF(((C25*-1)+(D25*-1)+0.5)>0	, 1, 0)	=E25			
	1	0 =1	F(((A26*1) + (B26*	1) -1.5)>=0, 1,0)	=IF((A26*-1) + (I	326*-1) >= 0, 1, 0)	=IF(((C26*-1)+(D26*-1)+0.5)>0	, 1, 0)	=E26			
	1	1 =I	F(((A27*1) + (B27*	1) -1.5)>=0, 1,0)	=IF((A27*-1) + (I	327*-1) >= 0, 1, 0)	=IF(((C27*-1)+(D27*-1)+0.5)>0	, 1, 0)	=E27			
					AND	NAND	XOR						
			X1	X2	N1	N2	Nz	Y: g(x;w)					
			0)	0	0 1		0 0)	< XOR			
			0	1	1	0 0		1 1					
			1		0	0 0		1 1					
			1		1	1 0	(0 0)				
			_										

Solution