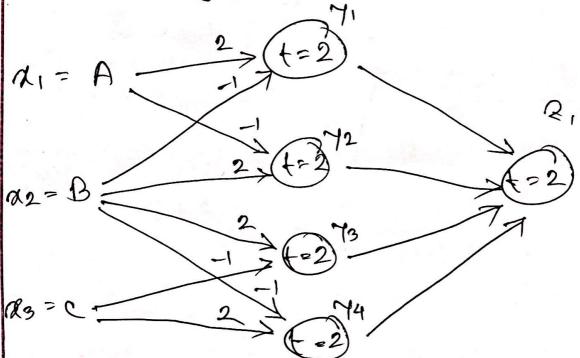
1. Given.

	0		C obshai
A	B	C	N. San
0	0	0	0
-	0	1	1
0	1	0	1
0	+		1
	10	0	11
1	10	T1_	1
1	1	0	1
	1	1	0
. 1 .		1	J ~,



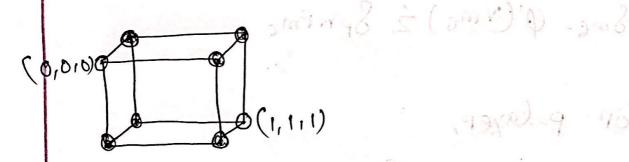
Here, F(A,B,c) = AB+BA+BC+CB1 = (A XOR B) + (BOXOR C)

The following boolean logic implements MOR gates. They cannot be linearly saparatable

pm9 Has & (pm) ) - pm3

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3D figure



Except the inputs (0,0,0) and (1,1,1) all others are excitatory. Only those two are inhibitory. So, we cannot generate such a 20- Plane that can separate the classes. It is a linearly separable-

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