

1 question

The boolean expression $F(X,Y,Z)=\overline{X}Y\overline{Z}+X\overline{Y}\overline{Z}+XY\overline{Z}+XYZ$ converted into the canonical product of sum(POS) form is

2 answer

2.1 k-map

		XY			
		00	01	11	10
Z	0	0	1	1	1
	1	0	0	1	0

from the k-map Product of Sum(POS)
for the question is $F=\overline{X}(\overline{Y}+Z)(\overline{X}+Z)$