x_1	x_2	x_3	$x_1 \cdot \overline{x_2} \vee \overline{x_2} \cdot x_3 \vee (x_1 \to x_2 \cdot x_3)$
0	0	0	1
0	0	1	1
0	1	0	1
0	1	1	1
1	0	0	1
1	0	1	1
1	1	0	0
1	1	1	1

СКНФ : $f(x_1, x_2, x_3) = \neg x_1 \vee \neg x_2 \vee x_3$
СДНФ : $f(x_1, x_2, x_3) = x_1 \wedge x_2 \wedge \neg x_3$

Полином Жегалкина :
$f(0,0,0) = a_1 = 1$
$f(0,0,1) = \neg a_4 = 1 \to a_4 = 0$
$f(0,1,0) = \neg a_3 = 1 \to a_3 = 0$
$f(0,1,1) = a_1 \oplus a_3 \oplus a_4 \oplus a_6 = 1 \to a_6 = 0$
$f(1,0,0) = \neg a_2 = 1 \to a_2 = 0$
$f(1,0,1) = a_1 \oplus a_2 \oplus a_4 \oplus a_7 = 1 \to a_7 = 0$
$f(1,1,0) = a_1 \oplus a_2 \oplus a_3 \oplus a_5 = 0 \to a_5 = 1$
$f(1,1,1) = a_1 \oplus a_2 \oplus a_3 \oplus a_4 \oplus a_5 \oplus a_6 \oplus a_7 \oplus a_8 = 1 \to a_8 = 1$

$f(x_1, x_2, x_3) = 1 \oplus x_1 x_2 \oplus x_1 x_2 x_3$