

$$\begin{aligned}
f_1 &= x_8x_9 + x_7 + x_7x_8 + x_5x_6 + x_4x_8 + x_4x_7 + x_3x_8 + x_3x_5 + x_2 + x_1x_7 + x_1x_6 \\
f_2 &= 1 + x_8x_9 + x_7x_9 + x_7x_8 + x_6 + x_6x_9 + x_6x_7 + x_4x_5 + x_3x_7 + x_3x_6 + \\
& x_2x_7 + x_2x_4 + x_1 \\
f_3 &= x_9 + x_6x_7 + x_4x_8 + x_4x_7 + x_4x_5 + x_3x_6 + x_3x_5 + x_3x_4 + x_2 + x_1x_8 + \\
& x_1x_6 + x_1x_4 + x_1x_2 \\
f_4 &= 1 + x_7 + x_5x_8 + x_4x_5 + x_3x_9 + x_3x_8 + x_2x_6 + x_2x_5 + x_2x_3 + x_1x_4 + x_1x_3 + x_1x_2 \\
f_5 &= x_8x_9 + x_6x_8 + x_5 + x_4x_9 + x_3x_6 + x_2x_9 + x_2x_3 + x_1x_8 + x_1x_7 + x_1x_6 \\
f_6 &= x_9 + x_7x_8 + x_6x_9 + x_5x_7 + x_4 + x_3x_9 + x_3x_8 + x_2x_5 + x_1x_9 + x_1x_8 + x_1x_2 \\
f_7 &= 1 + x_8 + x_6x_9 + x_5x_6 + x_4x_9 + x_3x_7 + x_3x_6 + x_3x_4 + x_2x_5 + x_2x_4 + \\
& x_2x_3 + x_1 + x_1x_9 \\
f_8 &= 1 + x_8 + x_8x_9 + x_6x_7 + x_5x_9 + x_5x_8 + x_4x_9 + x_4x_6 + x_3 + x_2x_8 + x_2x_7 + x_1x_4 \\
f_9 &= 1 + x_7x_9 + x_6 + x_4x_7 + x_3x_4 + x_2x_9 + x_2x_8 + x_2x_7 + x_1x_5 + x_1x_4 + x_1x_2
\end{aligned}$$