

$$\begin{aligned}
f_1 &= 1 + x_{16} + x_{14} + x_{14}x_{15} + x_{14}x_{15}x_{16} + x_{13} + x_{13}x_{14} + x_{13}x_{14}x_{15} + x_1 \\
f_2 &= 1 + x_{15}x_{16} + x_{14} + x_{14}x_{16} + x_{13} + x_{13}x_{15} + x_{13}x_{15}x_{16} + x_2 \\
f_3 &= 1 + x_{16} + x_{15} + x_{15}x_{16} + x_{14}x_{16} + x_{14}x_{15} + x_{13}x_{16} + x_{13}x_{15} + x_{13}x_{14} + \\
&x_{13}x_{14}x_{16} + x_{13}x_{14}x_{15} + x_3 \\
f_4 &= 1 + x_{15} + x_{14}x_{16} + x_{13} + x_{13}x_{16} + x_{13}x_{15}x_{16} + x_4 \\
f_5 &= 1 + x_{16} + x_{14} + x_{14}x_{15} + x_{14}x_{15}x_{16} + x_{13} + x_{13}x_{14} + x_{13}x_{14}x_{15} + x_5 + x_1 \\
f_6 &= 1 + x_{15}x_{16} + x_{14} + x_{14}x_{16} + x_{13} + x_{13}x_{15} + x_{13}x_{15}x_{16} + x_6 + x_2 \\
f_7 &= 1 + x_{16} + x_{15} + x_{15}x_{16} + x_{14}x_{16} + x_{14}x_{15} + x_{13}x_{16} + x_{13}x_{15} + x_{13}x_{14} + \\
&x_{13}x_{14}x_{16} + x_{13}x_{14}x_{15} + x_7 + x_3 \\
f_8 &= 1 + x_{15} + x_{14}x_{16} + x_{13} + x_{13}x_{16} + x_{13}x_{15}x_{16} + x_8 + x_4 \\
f_9 &= 1 + x_{16} + x_{14} + x_{14}x_{15} + x_{14}x_{15}x_{16} + x_{13} + x_{13}x_{14} + x_{13}x_{14}x_{15} + x_9 + x_5 + x_1 \\
f_{10} &= 1 + x_{15}x_{16} + x_{14} + x_{14}x_{16} + x_{13} + x_{13}x_{15} + x_{13}x_{15}x_{16} + x_{10} + x_6 + x_2 \\
f_{11} &= 1 + x_{16} + x_{15} + x_{15}x_{16} + x_{14}x_{16} + x_{14}x_{15} + x_{13}x_{16} + x_{13}x_{15} + x_{13}x_{14} + \\
&x_{13}x_{14}x_{16} + x_{13}x_{14}x_{15} + x_{11} + x_7 + x_3 \\
f_{12} &= 1 + x_{15} + x_{14}x_{16} + x_{13} + x_{13}x_{16} + x_{13}x_{15}x_{16} + x_{12} + x_8 + x_4 \\
f_{13} &= 1 + x_{16} + x_{14} + x_{14}x_{15} + x_{14}x_{15}x_{16} + x_{13}x_{14} + x_{13}x_{14}x_{15} + x_9 + x_5 + x_1 \\
f_{14} &= 1 + x_{15}x_{16} + x_{14}x_{16} + x_{13} + x_{13}x_{15} + x_{13}x_{15}x_{16} + x_{10} + x_6 + x_2 \\
f_{15} &= 1 + x_{16} + x_{15}x_{16} + x_{14}x_{16} + x_{14}x_{15} + x_{13}x_{16} + x_{13}x_{15} + x_{13}x_{14} + \\
&x_{13}x_{14}x_{16} + x_{13}x_{14}x_{15} + x_{11} + x_7 + x_3 \\
f_{16} &= 1 + x_{16} + x_{15} + x_{14}x_{16} + x_{13} + x_{13}x_{16} + x_{13}x_{15}x_{16} + x_{12} + x_8 + x_4
\end{aligned}$$