

$$f_1 = 1 + x_8 + x_7x_8 + x_6 + x_6x_8 + x_6x_7 + x_6x_7x_8 + x_5 + x_5x_6x_8 + x_5x_6x_7 + x_4 + x_4x_8 + x_4x_7 + x_4x_6x_8 + x_4x_6x_7 + x_4x_5x_8 + x_3x_8 + x_3x_6 + x_3x_6x_7 + x_3x_5 + x_3x_5x_7 + x_3x_5x_6 + x_3x_4x_7 + x_3x_4x_6 + x_3x_4x_5 + x_2 + x_2x_8 + x_2x_7 + x_2x_6x_8 + x_2x_6x_7x_8 + x_2x_5x_8 + x_2x_5x_7x_8 + x_2x_5x_6x_7 + x_2x_4 + x_2x_4x_7x_8 + x_2x_4x_6x_8 + x_2x_4x_5 + x_2x_4x_5x_8 + x_2x_4x_5x_7 + x_2x_3 + x_2x_3x_8 + x_2x_3x_7x_8 + x_2x_3x_6 + x_2x_3x_6x_7 + x_2x_3x_5x_8 + x_2x_3x_4 + x_1 + x_1x_7x_8 + x_1x_6 + x_1x_6x_8 + x_1x_6x_7x_8 + x_1x_5 + x_1x_5x_8 + x_1x_5x_6 + x_1x_5x_6x_8 + x_1x_5x_6x_7 + x_1x_4x_7 + x_1x_4x_7x_8 + x_1x_4x_6 + x_1x_4x_5 + x_1x_4x_5x_7 + x_1x_4x_5x_6 + x_1x_3x_6x_8 + x_1x_3x_6x_7 + x_1x_3x_5x_7 + x_1x_3x_4x_8 + x_1x_3x_4x_7 + x_1x_3x_4x_6 + x_1x_2 + x_1x_2x_6x_8 + x_1x_2x_6x_7 + x_1x_2x_5x_8 + x_1x_2x_4x_7 + x_1x_2x_4x_6 + x_1x_2x_4x_5 + x_1x_2x_3 + x_1x_2x_3x_7 + x_1x_2x_3x_6$$

$$f_2 = x_7x_8 + x_6 + x_6x_7 + x_5 + x_5x_7 + x_5x_6 + x_4x_8 + x_4x_7 + x_4x_7x_8 + x_4x_6x_8 + x_4x_6x_7 + x_4x_5x_6 + x_3x_8 + x_3x_7x_8 + x_3x_5x_8 + x_3x_4x_7 + x_3x_4x_5 + x_2 + x_2x_7 + x_2x_6 + x_2x_6x_8 + x_2x_6x_7 + x_2x_5x_7 + x_2x_5x_7x_8 + x_2x_5x_6 + x_2x_5x_6x_8 + x_2x_5x_6x_7 + x_2x_4 + x_2x_4x_8 + x_2x_4x_7 + x_2x_4x_7x_8 + x_2x_4x_6 + x_2x_4x_5x_8 + x_2x_4x_5x_7 + x_2x_4x_5x_6 + x_2x_3 + x_2x_3x_6 + x_2x_3x_6x_8 + x_2x_3x_5x_7 + x_2x_3x_4x_5 + x_1 + x_1x_8 + x_1x_7 + x_1x_6x_7 + x_1x_4 + x_1x_4x_7 + x_1x_4x_7x_8 + x_1x_4x_6 + x_1x_3x_7 + x_1x_3x_7x_8 + x_1x_3x_5 + x_1x_3x_5x_7 + x_1x_3x_4x_7 + x_1x_2x_8 + x_1x_2x_7 + x_1x_2x_5x_8 + x_1x_2x_5x_7 + x_1x_2x_4 + x_1x_2x_4x_6 + x_1x_2x_4x_5 + x_1x_2x_3 + x_1x_2x_3x_8 + x_1x_2x_3x_6 + x_1x_2x_3x_4$$

$$f_3 = x_7 + x_7x_8 + x_6x_8 + x_6x_7 + x_6x_7x_8 + x_5 + x_5x_6x_8 + x_4 + x_4x_8 + x_4x_6x_8 + x_4x_6x_7 + x_4x_5 + x_4x_5x_7 + x_4x_5x_6 + x_3x_8 + x_3x_6x_7 + x_3x_5 + x_3x_5x_6 + x_3x_4x_7 + x_3x_4x_6 + x_3x_4x_5 + x_2x_8 + x_2x_7x_8 + x_2x_5x_7x_8 + x_2x_5x_6 + x_2x_4x_8 + x_2x_4x_7 + x_2x_4x_7x_8 + x_2x_4x_6x_8 + x_2x_3 + x_2x_3x_7x_8 + x_2x_3x_6 + x_2x_3x_6x_8 + x_2x_3x_6x_7 + x_2x_3x_5x_8 + x_2x_3x_5x_7 + x_2x_3x_4 + x_2x_3x_4x_6 + x_1 + x_1x_8 + x_1x_7 + x_1x_7x_8 + x_1x_6x_8 + x_1x_5x_8 + x_1x_5x_7 + x_1x_5x_7x_8 + x_1x_4 + x_1x_4x_6 + x_1x_4x_6x_7 + x_1x_4x_5x_8 + x_1x_4x_5x_7 + x_1x_4x_5x_6 + x_1x_3x_8 + x_1x_3x_7 + x_1x_3x_7x_8 + x_1x_3x_6 + x_1x_3x_5 + x_1x_3x_5x_7 + x_1x_3x_5x_6 + x_1x_3x_4x_8 + x_1x_3x_4x_7 + x_1x_3x_4x_6 + x_1x_3x_4x_5 + x_1x_2 + x_1x_2x_6 + x_1x_2x_6x_7 + x_1x_2x_5 + x_1x_2x_5x_7 + x_1x_2x_4 + x_1x_2x_4x_8 + x_1x_2x_4x_7 + x_1x_2x_3x_8 + x_1x_2x_3x_6 + x_1x_2x_3x_4$$

$$f_4 = 1 + x_7 + x_7x_8 + x_6 + x_6x_7 + x_5x_8 + x_5x_7x_8 + x_5x_6 + x_4 + x_4x_7 + x_4x_7x_8 + x_4x_6x_8 + x_4x_6x_7 + x_4x_5x_8 + x_4x_5x_7 + x_4x_5x_6 + x_3 + x_3x_7 + x_3x_6x_8 + x_3x_6x_7 + x_3x_5x_7 + x_3x_5x_6 + x_3x_4 + x_2 + x_2x_8 + x_2x_7 + x_2x_7x_8 + x_2x_6x_8 + x_2x_6x_7 + x_2x_5x_8 + x_2x_5x_7x_8 + x_2x_5x_6x_8 + x_2x_5x_6x_7 + x_2x_4 + x_2x_4x_8 + x_2x_4x_7x_8 + x_2x_4x_6x_7 + x_2x_4x_5x_8 + x_2x_4x_5x_7 + x_2x_4x_5x_6 + x_2x_3x_7x_8 + x_2x_3x_6 + x_2x_3x_6x_7 + x_2x_3x_5 + x_2x_3x_5x_6 + x_2x_3x_4x_8 + x_2x_3x_4x_6 + x_2x_3x_4x_5 + x_1 + x_1x_8 + x_1x_5x_8 + x_1x_5x_7 + x_1x_5x_7x_8 + x_1x_5x_6x_8 + x_1x_4x_7 + x_1x_4x_7x_8 + x_1x_4x_6 + x_1x_4x_6x_8 + x_1x_4x_5 + x_1x_4x_5x_6 + x_1x_3 + x_1x_3x_7x_8 + x_1x_3x_6 + x_1x_3x_6x_8 + x_1x_3x_6x_7 + x_1x_3x_5 + x_1x_3x_4x_8 + x_1x_2x_8 + x_1x_2x_7 + x_1x_2x_7x_8 + x_1x_2x_6x_8 + x_1x_2x_6x_7 + x_1x_2x_5x_8 + x_1x_2x_4x_7 + x_1x_2x_4x_6 + x_1x_2x_4x_5 + x_1x_2x_3x_8$$

$$f_5 = 1 + x_7 + x_6x_8 + x_5x_8 + x_5x_7 + x_5x_7x_8 + x_5x_6x_8 + x_5x_6x_7 + x_4x_7 + x_4x_5x_8 + x_3 + x_3x_8 + x_3x_7x_8 + x_3x_5 + x_3x_5x_8 + x_2x_7x_8 + x_2x_6x_8 + x_2x_6x_7 + x_2x_6x_7x_8 + x_2x_5 + x_2x_5x_8 + x_2x_5x_6x_7 + x_2x_4 + x_2x_4x_8 + x_2x_4x_6x_7 + x_2x_4x_5x_8 + x_2x_4x_5x_7 + x_2x_4x_5x_6 + x_2x_3 + x_2x_3x_7 + x_2x_3x_7x_8 + x_2x_3x_6 + x_2x_3x_6x_8 + x_2x_3x_5 + x_2x_3x_5x_8 + x_2x_3x_4 + x_2x_3x_4x_6 + x_1 + x_1x_8 + x_1x_7 + x_1x_7x_8 + x_1x_6x_7 + x_1x_5x_6x_8 + x_1x_5x_6x_7 + x_1x_4x_5x_8 + x_1x_4x_5x_6 + x_1x_3 + x_1x_3x_8 + x_1x_3x_7 + x_1x_3x_7x_8 + x_1x_3x_6 + x_1x_3x_6x_8 + x_1x_3x_5 + x_1x_3x_5x_6 + x_1x_3x_4 + x_1x_3x_4x_8 + x_1x_2x_8 + x_1x_2x_7x_8 + x_1x_2x_6 + x_1x_2x_5x_8 + x_1x_2x_4 + x_1x_2x_4x_6 + x_1x_2x_3x_6 + x_1x_2x_3x_5 + x_1x_2x_3x_4$$

$$f_6 = 1 + x_7x_8 + x_6 + x_6x_8 + x_6x_7 + x_6x_7x_8 + x_5x_7 + x_5x_7x_8 + x_5x_6 + x_5x_6x_8 + x_5x_6x_7 + x_4 + x_4x_8 + x_4x_7x_8 + x_4x_6x_8 + x_4x_6x_7 + x_4x_5 + x_4x_5x_8 + x_4x_5x_6 + x_3 + x_3x_7 + x_3x_7x_8 + x_3x_6 + x_3x_5 + x_3x_5x_6 + x_3x_4x_8 + x_3x_4x_7 + x_3x_4x_6 + x_3x_4x_5 + x_2x_7x_8 + x_2x_6x_7x_8 + x_2x_5x_8 + x_2x_5x_6 + x_2x_5x_6x_7 + x_2x_4 + x_2x_4x_6x_8 + x_2x_4x_6x_7 + x_2x_4x_5x_6 + x_2x_3 + x_2x_3x_8 + x_2x_3x_7 + x_2x_3x_6x_8 + x_2x_3x_6x_7 + x_2x_3x_5 + x_2x_3x_5x_7 + x_2x_3x_4x_8 + x_2x_3x_4x_5 + x_1x_8 + x_1x_7 + x_1x_6 + x_1x_6x_7 + x_1x_6x_7x_8 + x_1x_5 + x_1x_5x_8 + x_1x_5x_7 + x_1x_4 + x_1x_4x_8 + x_1x_4x_7 + x_1x_4x_7x_8 + x_1x_4x_6x_8 + x_1x_4x_5 + x_1x_3x_7x_8 + x_1x_3x_6x_8 + x_1x_3x_5 + x_1x_3x_4 + x_1x_3x_4x_8 + x_1x_3x_4x_7 + x_1x_3x_4x_6 + x_1x_2 + x_1x_2x_8 + x_1x_2x_7 + x_1x_2x_7x_8 + x_1x_2x_6x_7 + x_1x_2x_5x_7 + x_1x_2x_4x_6 + x_1x_2x_3x_6 + x_1x_2x_3x_5 + x_1x_2x_3x_4$$

$$f_7 = x_8 + x_7 + x_7x_8 + x_6 + x_6x_7x_8 + x_5 + x_5x_8 + x_5x_7x_8 + x_4x_7 + x_4x_6 + x_4x_6x_8 + x_4x_5x_7 + x_3x_8 + x_3x_7 + x_3x_5x_7 + x_3x_5x_6 + x_3x_4 + x_3x_4x_7 + x_3x_4x_5 + x_2x_7x_8 + x_2x_6x_8 + x_2x_6x_7 + x_2x_5 + x_2x_5x_6x_8 + x_2x_5x_6x_7 + x_2x_4 + x_2x_4x_8 + x_2x_4x_7 + x_2x_4x_6x_8 + x_2x_4x_6x_7 + x_2x_4x_5 + x_2x_4x_5x_8 + x_2x_4x_5x_7 + x_2x_3x_8 + x_2x_3x_7 + x_2x_3x_7x_8 + x_2x_3x_6 + x_2x_3x_5 + x_2x_3x_5x_8 + x_2x_3x_5x_7 + x_2x_3x_4 + x_2x_3x_4x_6 + x_1 + x_1x_8 + x_1x_7x_8 + x_1x_6 + x_1x_5 + x_1x_5x_8 + x_1x_5x_7 + x_1x_5x_6x_8 + x_1x_4x_6 + x_1x_4x_6x_7 + x_1x_4x_5 + x_1x_4x_5x_7 + x_1x_3x_8 + x_1x_3x_7 + x_1x_3x_6 + x_1x_3x_5 + x_1x_3x_4x_8 + x_1x_3x_4x_6 + x_1x_2 + x_1x_2x_6x_7 + x_1x_2x_5 + x_1x_2x_5x_8 + x_1x_2x_4x_8 + x_1x_2x_4x_6 + x_1x_2x_4x_5$$

$$f_8 = 1 + x_7x_8 + x_6 + x_6x_7 + x_5 + x_5x_7 + x_5x_7x_8 + x_5x_6x_8 + x_4 + x_4x_8 + x_4x_7 + x_4x_7x_8 + x_4x_5 + x_4x_5x_7 + x_4x_5x_6 + x_3 + x_3x_6 + x_3x_5 + x_3x_5x_8 + x_3x_4 + x_3x_4x_8 + x_3x_4x_7 + x_3x_4x_6 + x_2x_7 + x_2x_6x_8 + x_2x_6x_7 + x_2x_5 + x_2x_5x_7x_8 + x_2x_5x_6x_8 + x_2x_4x_6x_8 + x_2x_4x_6x_7 + x_2x_4x_5x_8 + x_2x_3 + x_2x_3x_7 + x_2x_3x_7x_8 + x_2x_3x_6x_7 + x_2x_3x_5 + x_2x_3x_5x_8 + x_2x_3x_4 + x_2x_3x_4x_5 + x_1x_7x_8 + x_1x_6x_8 + x_1x_5x_7x_8 + x_1x_5x_6 + x_1x_5x_6x_8 + x_1x_5x_6x_7 + x_1x_4 + x_1x_4x_8 + x_1x_4x_7 + x_1x_4x_6 + x_1x_4x_6x_8 + x_1x_4x_6x_7 + x_1x_4x_5x_7 + x_1x_4x_5x_6 + x_1x_3 + x_1x_3x_8 + x_1x_3x_5x_8 + x_1x_3x_5x_7 + x_1x_3x_5x_6 + x_1x_3x_4x_8 + x_1x_3x_4x_6 + x_1x_2 + x_1x_2x_6x_7 + x_1x_2x_5x_8 + x_1x_2x_4 + x_1x_2x_4x_8 + x_1x_2x_3x_8$$

$$f_9 = 1 + x_7x_8 + x_6 + x_6x_8 + x_5 + x_5x_6 + x_4 + x_4x_8 + x_4x_7x_8 + x_4x_6x_7 + x_4x_5 + x_4x_5x_7 + x_3 + x_3x_7 + x_3x_7x_8 + x_3x_6x_8 + x_3x_6x_7 + x_3x_5x_8 + x_3x_5x_7 + x_3x_4 + x_3x_4x_7 + x_3x_4x_6 + x_3x_4x_5 + x_2 + x_2x_7 + x_2x_6x_8 + x_2x_5x_8 + x_2x_5x_7 + x_2x_5x_7x_8 + x_2x_5x_6 + x_2x_5x_6x_7 + x_2x_4 + x_2x_4x_7 + x_2x_4x_7x_8 + x_2x_4x_6 + x_2x_4x_6x_8 + x_2x_4x_5 + x_2x_4x_5x_8 + x_2x_4x_5x_6 + x_2x_3 + x_2x_3x_8 + x_2x_3x_7 + x_2x_3x_7x_8 + x_2x_3x_6 + x_2x_3x_6x_8 + x_2x_3x_6x_7 + x_2x_3x_5 + x_2x_3x_5x_8 + x_2x_3x_5x_7 + x_2x_3x_5x_6 + x_2x_3x_4x_8 + x_2x_3x_4x_5 + x_1 + x_1x_7 + x_1x_6x_7 + x_1x_5 + x_1x_5x_7x_8 + x_1x_5x_6x_7 + x_1x_4 + x_1x_4x_8 + x_1x_4x_7x_8 + x_1x_4x_6 + x_1x_4x_6x_7 + x_1x_4x_5x_8 + x_1x_3 + x_1x_3x_7 + x_1x_3x_7x_8 + x_1x_3x_6 + x_1x_3x_5 + x_1x_3x_5x_8 + x_1x_3x_5x_7 + x_1x_3x_5x_6 + x_1x_3x_4 + x_1x_3x_4x_7 + x_1x_3x_4x_6 + x_1x_3x_4x_5 + x_1x_2x_8 + x_1x_2x_7 + x_1x_2x_7x_8 + x_1x_2x_6 + x_1x_2x_6x_8 + x_1x_2x_5x_8 + x_1x_2x_4x_7 + x_1x_2x_4x_6 + x_1x_2x_4x_5 + x_1x_2x_3 + x_1x_2x_3x_5$$

$$f_{10} = x_7x_8 + x_6 + x_6x_8 + x_6x_7x_8 + x_5x_7 + x_5x_7x_8 + x_5x_6 + x_5x_6x_8 + x_4x_7 + x_4x_7x_8 + x_4x_5 + x_4x_5x_6 + x_3 + x_3x_8 + x_3x_7 + x_3x_7x_8 + x_3x_6x_8 + x_3x_6x_7 + x_3x_5 + x_3x_5x_7 + x_3x_5x_6 + x_3x_4x_7 + x_3x_4x_6 + x_2x_7 + x_2x_7x_8 + x_2x_6x_7 + x_2x_6x_7x_8 + x_2x_5x_8 + x_2x_5x_6x_8 + x_2x_4 + x_2x_4x_6x_8 + x_2x_4x_5 + x_2x_4x_5x_8 + x_2x_3x_8 + x_2x_3x_6 + x_2x_3x_5 + x_2x_3x_5x_7 + x_2x_3x_5x_6 + x_2x_3x_4x_6 + x_2x_3x_4x_5 + x_1x_8 + x_1x_7 + x_1x_7x_8 + x_1x_6x_8 + x_1x_6x_7 + x_1x_5 + x_1x_5x_8 + x_1x_5x_7 + x_1x_5x_6x_8 + x_1x_5x_6x_7 + x_1x_4 + x_1x_4x_7x_8 + x_1x_4x_6 + x_1x_4x_5x_6 + x_1x_3 + x_1x_3x_6 + x_1x_3x_6x_8 + x_1x_3x_5 + x_1x_3x_4 + x_1x_3x_4x_8 + x_1x_3x_4x_6 + x_1x_3x_4x_5 + x_1x_2x_6 + x_1x_2x_6x_8 + x_1x_2x_5x_7 + x_1x_2x_4x_8 +$$

$$\begin{aligned}
& x_1x_2x_4x_7 + x_1x_2x_3 + x_1x_2x_3x_8 + x_1x_2x_3x_6 + x_1x_2x_3x_4 \\
f_{11} = & 1 + x_6 + x_6x_8 + x_6x_7x_8 + x_5x_8 + x_5x_7 + x_4 + x_4x_8 + x_4x_7x_8 + x_4x_6 + \\
& x_4x_6x_8 + x_4x_6x_7 + x_3 + x_3x_8 + x_3x_6x_8 + x_3x_6x_7 + x_3x_5x_8 + x_3x_5x_7 + x_3x_5x_6 + \\
& x_3x_4 + x_3x_4x_8 + x_3x_4x_7 + x_3x_4x_6 + x_3x_4x_5 + x_2x_7 + x_2x_6 + x_2x_5x_7 + x_2x_5x_6x_7 + \\
& x_2x_4x_8 + x_2x_4x_6x_8 + x_2x_4x_5x_7 + x_2x_4x_5x_6 + x_2x_3x_8 + x_2x_3x_7x_8 + x_2x_3x_6 + \\
& x_2x_3x_5x_8 + x_2x_3x_5x_6 + x_2x_3x_4x_8 + x_2x_3x_4x_7 + x_2x_3x_4x_5 + x_1 + x_1x_8 + x_1x_6 + \\
& x_1x_6x_7 + x_1x_6x_7x_8 + x_1x_5 + x_1x_5x_8 + x_1x_5x_6x_8 + x_1x_4x_7 + x_1x_4x_7x_8 + x_1x_4x_6x_8 + \\
& x_1x_4x_5x_6 + x_1x_3x_8 + x_1x_3x_7x_8 + x_1x_3x_6 + x_1x_3x_6x_8 + x_1x_3x_5x_8 + x_1x_3x_5x_7 + \\
& x_1x_3x_5x_6 + x_1x_3x_4 + x_1x_3x_4x_8 + x_1x_3x_4x_6 + x_1x_3x_4x_5 + x_1x_2x_7x_8 + x_1x_2x_6 + \\
& x_1x_2x_6x_8 + x_1x_2x_5x_8 + x_1x_2x_5x_7 + x_1x_2x_5x_6 + x_1x_2x_4 + x_1x_2x_4x_7 + x_1x_2x_3x_8 + \\
& x_1x_2x_3x_6 + x_1x_2x_3x_5 + x_1x_2x_3x_4 \\
f_{12} = & 1 + x_6 + x_6x_7 + x_6x_7x_8 + x_5 + x_5x_7 + x_5x_7x_8 + x_5x_6 + x_5x_6x_8 + x_4x_8 + \\
& x_4x_7 + x_4x_7x_8 + x_4x_6 + x_4x_6x_7 + x_4x_5x_8 + x_4x_5x_7 + x_4x_5x_6 + x_3x_7x_8 + x_3x_6 + \\
& x_3x_6x_7 + x_3x_5x_8 + x_3x_4 + x_3x_4x_8 + x_3x_4x_5 + x_2x_7 + x_2x_7x_8 + x_2x_6x_8 + x_2x_5 + \\
& x_2x_5x_8 + x_2x_5x_6 + x_2x_4 + x_2x_4x_7 + x_2x_4x_6x_7 + x_2x_4x_5 + x_2x_4x_5x_8 + x_2x_4x_5x_6 + \\
& x_2x_3x_7x_8 + x_2x_3x_5x_6 + x_2x_3x_4 + x_1 + x_1x_8 + x_1x_7 + x_1x_6 + x_1x_6x_8 + x_1x_6x_7x_8 + \\
& x_1x_5 + x_1x_5x_8 + x_1x_4 + x_1x_4x_8 + x_1x_4x_7 + x_1x_4x_6x_8 + x_1x_4x_5 + x_1x_4x_5x_7 + x_1x_3 + \\
& x_1x_3x_7 + x_1x_3x_6x_8 + x_1x_3x_6x_7 + x_1x_3x_5 + x_1x_3x_5x_8 + x_1x_3x_4 + x_1x_3x_4x_7 + \\
& x_1x_2 + x_1x_2x_7 + x_1x_2x_6x_8 + x_1x_2x_5x_6 + x_1x_2x_4 + x_1x_2x_4x_8 + x_1x_2x_4x_5 \\
f_{13} = & x_7 + x_7x_8 + x_6 + x_6x_7x_8 + x_5 + x_5x_7 + x_5x_7x_8 + x_4x_7 + x_4x_7x_8 + \\
& x_4x_6 + x_4x_6x_7 + x_4x_5x_7 + x_4x_5x_7x_8 + x_4x_5x_6 + x_3x_8 + x_3x_7x_8 + x_3x_6x_8 + \\
& x_3x_6x_7 + x_3x_5 + x_3x_5x_8 + x_3x_5x_6 + x_3x_4 + x_3x_4x_7 + x_3x_4x_7x_8 + x_3x_4x_6 + \\
& x_3x_4x_6x_7 + x_3x_4x_5 + x_3x_4x_5x_8 + x_3x_4x_5x_7 + x_3x_4x_5x_6 + x_2x_8 + x_2x_6x_7x_8 + \\
& x_2x_5x_7 + x_2x_5x_7x_8 + x_2x_5x_6x_8 + x_2x_4 + x_2x_4x_7 + x_2x_4x_7x_8 + x_2x_4x_6x_8 + x_2x_4x_5 + \\
& x_2x_4x_5x_7 + x_2x_4x_5x_6 + x_2x_3 + x_2x_3x_8 + x_2x_3x_7 + x_2x_3x_6 + x_2x_3x_5 + x_2x_3x_4 + \\
& x_2x_3x_4x_8 + x_2x_3x_4x_7 + x_2x_3x_4x_6 + x_2x_3x_4x_5 + x_1x_7 + x_1x_7x_8 + x_1x_6x_7 + \\
& x_1x_6x_7x_8 + x_1x_5x_8 + x_1x_5x_7 + x_1x_4x_8 + x_1x_4x_7 + x_1x_4x_7x_8 + x_1x_4x_6x_8 + \\
& x_1x_4x_6x_7 + x_1x_4x_5 + x_1x_4x_5x_7 + x_1x_4x_5x_6 + x_1x_3x_7 + x_1x_3x_6x_8 + x_1x_3x_6x_7 + \\
& x_1x_3x_5 + x_1x_3x_5x_8 + x_1x_3x_4 + x_1x_3x_4x_7 + x_1x_3x_4x_6 + x_1x_2 \\
f_{14} = & x_8 + x_7 + x_6 + x_6x_8 + x_5x_6x_7 + x_4 + x_4x_7x_8 + x_4x_6x_8 + x_4x_5x_7 + \\
& x_4x_5x_7x_8 + x_4x_5x_6 + x_3x_7 + x_3x_6 + x_3x_6x_8 + x_3x_6x_7 + x_3x_5 + x_3x_5x_7x_8 + \\
& x_3x_5x_6x_8 + x_3x_4 + x_3x_4x_8 + x_3x_4x_6 + x_3x_4x_6x_8 + x_3x_4x_5 + x_3x_4x_5x_8 + x_2 + \\
& x_2x_8 + x_2x_6 + x_2x_6x_7 + x_2x_5x_8 + x_2x_5x_7 + x_2x_5x_6 + x_2x_5x_6x_8 + x_2x_4x_8 + \\
& x_2x_4x_6 + x_2x_4x_6x_7 + x_2x_4x_5 + x_2x_4x_5x_7 + x_2x_3 + x_2x_3x_6 + x_2x_3x_6x_7 + x_2x_3x_5x_7 + \\
& x_2x_3x_5x_6 + x_2x_3x_4 + x_2x_3x_4x_7 + x_2x_3x_4x_5 + x_1x_7x_8 + x_1x_6x_8 + x_1x_6x_7 + x_1x_5x_8 + \\
& x_1x_5x_6x_8 + x_1x_4x_7x_8 + x_1x_4x_6x_8 + x_1x_4x_6x_7 + x_1x_4x_5 + x_1x_4x_5x_6 + x_1x_3x_8 + \\
& x_1x_3x_7x_8 + x_1x_3x_6 + x_1x_3x_6x_7 + x_1x_3x_5 + x_1x_3x_5x_6 + x_1x_3x_4 + x_1x_3x_4x_8 + \\
& x_1x_3x_4x_7 + x_1x_2 \\
f_{15} = & 1 + x_6x_8 + x_6x_7 + x_5 + x_5x_8 + x_5x_7 + x_5x_7x_8 + x_5x_6x_8 + x_5x_6x_7x_8 + \\
& x_4 + x_4x_8 + x_4x_7 + x_4x_7x_8 + x_4x_6 + x_4x_6x_8 + x_4x_6x_7 + x_4x_5 + x_4x_5x_8 + x_4x_5x_7 + \\
& x_4x_5x_6 + x_4x_5x_6x_8 + x_3x_6 + x_3x_6x_7x_8 + x_3x_5x_8 + x_3x_5x_7x_8 + x_3x_5x_6 + x_3x_5x_6x_8 + \\
& x_3x_4x_8 + x_3x_4x_7x_8 + x_3x_4x_6 + x_3x_4x_5x_8 + x_2 + x_2x_7x_8 + x_2x_6x_7x_8 + x_2x_5x_8 + \\
& x_2x_5x_6 + x_2x_5x_6x_8 + x_2x_4 + x_2x_4x_7x_8 + x_2x_4x_6 + x_2x_4x_6x_8 + x_2x_4x_5 + x_2x_4x_5x_8 + \\
& x_2x_4x_5x_7 + x_2x_3x_7x_8 + x_2x_3x_6x_8 + x_2x_3x_5x_8 + x_2x_3x_5x_7 + x_2x_3x_5x_6 + x_2x_3x_4x_8 + \\
& x_2x_3x_4x_6 + x_1 + x_1x_7x_8 + x_1x_6x_7x_8 + x_1x_5x_8 + x_1x_5x_7 + x_1x_5x_7x_8 + x_1x_5x_6 + \\
& x_1x_5x_6x_8 + x_1x_5x_6x_7 + x_1x_4 + x_1x_4x_6 + x_1x_4x_6x_7 + x_1x_4x_5 + x_1x_3x_8 + x_1x_3x_7 +
\end{aligned}$$

$$\begin{aligned}
& x_1x_3x_7x_8 + x_1x_3x_6 + x_1x_3x_6x_7 + x_1x_3x_4 + x_1x_2 \\
f_{16} = & 1 + x_8 + x_7 + x_6x_8 + x_6x_7 + x_6x_7x_8 + x_5 + x_5x_7x_8 + x_5x_6 + x_5x_6x_7 + \\
& x_4 + x_4x_8 + x_4x_6 + x_4x_6x_8 + x_4x_5x_8 + x_4x_5x_7 + x_4x_5x_6x_8 + x_3x_6 + x_3x_6x_8 + \\
& x_3x_6x_7x_8 + x_3x_5x_7 + x_3x_5x_7x_8 + x_3x_5x_6x_8 + x_3x_5x_6x_7 + x_3x_4 + x_3x_4x_8 + x_3x_4x_7 + \\
& x_3x_4x_7x_8 + x_3x_4x_6x_8 + x_3x_4x_5x_8 + x_3x_4x_5x_7 + x_2x_8 + x_2x_7x_8 + x_2x_6 + x_2x_6x_8 + \\
& x_2x_6x_7x_8 + x_2x_5 + x_2x_5x_7 + x_2x_5x_6 + x_2x_4x_7x_8 + x_2x_4x_6 + x_2x_4x_6x_7 + x_2x_4x_5x_6 + \\
& x_2x_3x_5 + x_2x_3x_5x_8 + x_2x_3x_5x_6 + x_2x_3x_4x_7 + x_2x_3x_4x_5 + x_1x_8 + x_1x_6 + x_1x_6x_7x_8 + \\
& x_1x_5x_8 + x_1x_4x_8 + x_1x_4x_6 + x_1x_4x_6x_8 + x_1x_4x_5 + x_1x_3x_8 + x_1x_3x_6x_8 + x_1x_3x_5x_6 + \\
& x_1x_3x_4x_8 + x_1x_2
\end{aligned}$$

$$\begin{aligned}
f_{17} = & x_8 + x_6x_7x_8 + x_5x_6 + x_5x_6x_8 + x_5x_6x_7 + x_5x_6x_7x_8 + x_4x_7x_8 + x_4x_6x_8 + \\
& x_4x_5x_8 + x_4x_5x_7 + x_4x_5x_6 + x_4x_5x_6x_8 + x_3x_8 + x_3x_7 + x_3x_7x_8 + x_3x_6 + x_3x_6x_8 + \\
& x_3x_6x_7 + x_3x_6x_7x_8 + x_3x_5 + x_3x_5x_7x_8 + x_3x_4 + x_3x_4x_7 + x_3x_4x_7x_8 + x_3x_4x_6x_7 + \\
& x_3x_4x_5x_8 + x_3x_4x_5x_7 + x_3x_4x_5x_6 + x_2x_8 + x_2x_7x_8 + x_2x_5x_8 + x_2x_5x_7 + x_2x_5x_7x_8 + \\
& x_2x_5x_6x_8 + x_2x_4x_8 + x_2x_4x_7 + x_2x_4x_7x_8 + x_2x_4x_6x_8 + x_2x_4x_5 + x_2x_4x_5x_8 + x_2x_3 + \\
& x_2x_3x_6 + x_2x_3x_5 + x_2x_3x_5x_8 + x_2x_3x_5x_6 + x_2x_3x_4 + x_1 + x_1x_7 + x_1x_6 + x_1x_6x_7 + \\
& x_1x_5 + x_1x_5x_8 + x_1x_5x_7 + x_1x_5x_7x_8 + x_1x_5x_6 + x_1x_4 + x_1x_4x_7 + x_1x_4x_5x_8 + \\
& x_1x_4x_5x_7 + x_1x_4x_5x_6 + x_1x_3 + x_1x_3x_7 + x_1x_3x_6 + x_1x_3x_5 + x_1x_3x_5x_8 + x_1x_3x_5x_7 + \\
& x_1x_3x_5x_6 + x_1x_3x_4 + x_1x_3x_4x_5 + x_1x_2
\end{aligned}$$

$$\begin{aligned}
f_{18} = & x_8 + x_7 + x_6 + x_6x_7x_8 + x_5 + x_5x_6x_8 + x_5x_6x_7 + x_4 + x_4x_7x_8 + x_4x_6x_8 + \\
& x_4x_6x_7 + x_4x_6x_7x_8 + x_4x_5x_7 + x_4x_5x_7x_8 + x_4x_5x_6x_8 + x_4x_5x_6x_7 + x_3x_6x_8 + \\
& x_3x_5x_7 + x_3x_4 + x_3x_4x_7 + x_3x_4x_7x_8 + x_3x_4x_6 + x_3x_4x_6x_8 + x_3x_4x_6x_7 + x_3x_4x_5x_8 + \\
& x_3x_4x_5x_7 + x_2x_7x_8 + x_2x_6x_8 + x_2x_6x_7x_8 + x_2x_5x_8 + x_2x_4x_7 + x_2x_4x_7x_8 + \\
& x_2x_4x_6x_8 + x_2x_4x_6x_7 + x_2x_4x_5x_8 + x_2x_4x_5x_7 + x_2x_4x_5x_6 + x_2x_3 + x_2x_3x_8 + \\
& x_2x_3x_7 + x_2x_3x_6 + x_2x_3x_5x_7 + x_2x_3x_5x_6 + x_2x_3x_4x_6 + x_2x_3x_4x_5 + x_1x_6x_7 + \\
& x_1x_5x_8 + x_1x_5x_7 + x_1x_5x_7x_8 + x_1x_5x_6 + x_1x_5x_6x_7 + x_1x_4x_8 + x_1x_4x_7 + x_1x_4x_7x_8 + \\
& x_1x_4x_6x_8 + x_1x_4x_6x_7 + x_1x_4x_5 + x_1x_4x_5x_8 + x_1x_4x_5x_7 + x_1x_3 + x_1x_3x_8 + x_1x_3x_7 + \\
& x_1x_3x_7x_8 + x_1x_3x_5 + x_1x_3x_5x_8 + x_1x_3x_5x_7 + x_1x_3x_4 + x_1x_3x_4x_8 + x_1x_2
\end{aligned}$$

$$\begin{aligned}
f_{19} = & x_8 + x_7 + x_7x_8 + x_6 + x_5 + x_5x_8 + x_5x_7 + x_5x_7x_8 + x_5x_6x_8 + x_5x_6x_7x_8 + \\
& x_4 + x_4x_8 + x_4x_6x_8 + x_4x_6x_7 + x_4x_6x_7x_8 + x_4x_5x_8 + x_3x_8 + x_3x_7x_8 + x_3x_6x_8 + \\
& x_3x_5x_7 + x_3x_5x_7x_8 + x_3x_5x_6x_7 + x_3x_4x_6 + x_3x_4x_6x_8 + x_3x_4x_6x_7 + x_3x_4x_5x_7 + \\
& x_2x_8 + x_2x_6x_7 + x_2x_5x_7 + x_2x_5x_7x_8 + x_2x_4x_7 + x_2x_4x_6x_7 + x_2x_4x_5 + x_2x_4x_5x_7 + \\
& x_2x_3 + x_2x_3x_7 + x_2x_3x_7x_8 + x_2x_3x_6 + x_2x_3x_5 + x_2x_3x_5x_7 + x_2x_3x_5x_6 + x_2x_3x_4x_7 + \\
& x_2x_3x_4x_6 + x_1x_6x_7 + x_1x_6x_7x_8 + x_1x_5 + x_1x_5x_8 + x_1x_5x_7 + x_1x_5x_6 + x_1x_5x_6x_7 + \\
& x_1x_4x_6 + x_1x_4x_6x_8 + x_1x_4x_5x_7 + x_1x_4x_5x_6 + x_1x_3x_8 + x_1x_3x_5x_8 + x_1x_3x_5x_6 + \\
& x_1x_3x_4x_6 + x_1x_2
\end{aligned}$$

$$\begin{aligned}
f_{20} = & x_7 + x_7x_8 + x_6 + x_6x_8 + x_5 + x_5x_7 + x_5x_7x_8 + x_5x_6 + x_5x_6x_8 + x_5x_6x_7x_8 + \\
& x_4 + x_4x_7x_8 + x_4x_6x_7 + x_4x_5 + x_4x_5x_7x_8 + x_4x_5x_6 + x_4x_5x_6x_8 + x_4x_5x_6x_7 + \\
& x_3x_8 + x_3x_7x_8 + x_3x_6 + x_3x_6x_7x_8 + x_3x_5x_7 + x_3x_5x_6x_8 + x_3x_5x_6x_7 + x_3x_4 + \\
& x_3x_4x_8 + x_3x_4x_7 + x_3x_4x_6x_7 + x_3x_4x_5 + x_2 + x_2x_7x_8 + x_2x_6x_8 + x_2x_6x_7 + \\
& x_2x_5x_7x_8 + x_2x_4x_7 + x_2x_4x_7x_8 + x_2x_4x_6 + x_2x_4x_6x_7 + x_2x_4x_5x_6 + x_2x_3 + \\
& x_2x_3x_7x_8 + x_2x_3x_6x_8 + x_2x_3x_5x_7 + x_2x_3x_4x_6 + x_2x_3x_4x_5 + x_1 + x_1x_7 + x_1x_7x_8 + \\
& x_1x_6x_8 + x_1x_6x_7x_8 + x_1x_5x_8 + x_1x_5x_7x_8 + x_1x_4 + x_1x_4x_7 + x_1x_4x_7x_8 + x_1x_4x_5x_8 + \\
& x_1x_4x_5x_6 + x_1x_3x_8 + x_1x_3x_6x_7 + x_1x_3x_5 + x_1x_3x_5x_7 + x_1x_3x_4 + x_1x_3x_4x_7 + \\
& x_1x_3x_4x_6 + x_1x_3x_4x_5 + x_1x_2
\end{aligned}$$

$$\begin{aligned}
f_{21} = & x_8 + x_7 + x_6 + x_6x_8 + x_6x_7x_8 + x_5 + x_5x_7x_8 + x_5x_6 + x_5x_6x_8 + x_5x_6x_7 + \\
& x_5x_6x_7x_8 + x_4 + x_4x_8 + x_4x_6 + x_4x_6x_7x_8 + x_4x_5x_7 + x_4x_5x_6 + x_4x_5x_6x_8 + x_3x_7 +
\end{aligned}$$

$$\begin{aligned}
& x_3x_7x_8 + x_3x_6x_8 + x_3x_6x_7x_8 + x_3x_5x_8 + x_3x_5x_7x_8 + x_3x_5x_6 + x_3x_4x_8 + x_3x_4x_6 + \\
& x_3x_4x_6x_7 + x_2 + x_2x_8 + x_2x_7x_8 + x_2x_6 + x_2x_6x_8 + x_2x_5 + x_2x_5x_8 + x_2x_5x_6x_8 + x_2x_4 + \\
& x_2x_4x_8 + x_2x_4x_7x_8 + x_2x_4x_6 + x_2x_4x_6x_7 + x_2x_4x_5x_8 + x_2x_3 + x_2x_3x_6 + x_2x_3x_6x_7 + \\
& x_2x_3x_5 + x_2x_3x_5x_7 + x_2x_3x_5x_6 + x_2x_3x_4 + x_2x_3x_4x_7 + x_1x_7 + x_1x_7x_8 + x_1x_5x_8 + \\
& x_1x_5x_7 + x_1x_5x_6x_8 + x_1x_4x_8 + x_1x_4x_6 + x_1x_4x_5x_8 + x_1x_3 + x_1x_3x_7 + x_1x_3x_7x_8 + \\
& x_1x_3x_6 + x_1x_3x_6x_7 + x_1x_3x_5x_8 + x_1x_3x_5x_7 + x_1x_3x_4 + x_1x_3x_4x_8 + x_1x_3x_4x_6 + x_1x_2 \\
& f_{22} = 1 + x_8 + x_7 + x_7x_8 + x_6 + x_5 + x_5x_7x_8 + x_5x_6x_8 + x_5x_6x_7 + x_5x_6x_7x_8 + \\
& x_4x_6x_7 + x_4x_5x_8 + x_4x_5x_7 + x_4x_5x_7x_8 + x_4x_5x_6x_8 + x_4x_5x_6x_7 + x_3 + x_3x_5x_6 + \\
& x_3x_5x_6x_8 + x_3x_4x_6 + x_3x_4x_6x_8 + x_3x_4x_6x_7 + x_3x_4x_5 + x_3x_4x_5x_8 + x_3x_4x_5x_7 + \\
& x_2 + x_2x_6x_8 + x_2x_5x_8 + x_2x_5x_7x_8 + x_2x_4 + x_2x_4x_7 + x_2x_4x_7x_8 + x_2x_4x_6x_7 + \\
& x_2x_4x_5 + x_2x_4x_5x_6 + x_2x_3x_8 + x_2x_3x_7 + x_2x_3x_5 + x_2x_3x_5x_7 + x_2x_3x_5x_6 + x_1 + \\
& x_1x_8 + x_1x_6x_8 + x_1x_5x_7 + x_1x_5x_7x_8 + x_1x_5x_6 + x_1x_5x_6x_7 + x_1x_4 + x_1x_4x_7 + \\
& x_1x_4x_6x_8 + x_1x_4x_6x_7 + x_1x_4x_5 + x_1x_4x_5x_7 + x_1x_3x_8 + x_1x_3x_7 + x_1x_3x_7x_8 + \\
& x_1x_3x_6 + x_1x_3x_6x_8 + x_1x_3x_5x_8 + x_1x_3x_5x_7 + x_1x_3x_4 + x_1x_3x_4x_7 + x_1x_3x_4x_6 + \\
& x_1x_3x_4x_5 + x_1x_2
\end{aligned}$$

$$\begin{aligned}
& f_{23} = x_7 + x_6 + x_6x_8 + x_5 + x_5x_6x_7x_8 + x_4 + x_4x_8 + x_4x_6 + x_4x_6x_7x_8 + \\
& x_4x_5x_8 + x_4x_5x_7 + x_4x_5x_7x_8 + x_3x_8 + x_3x_7 + x_3x_5x_7x_8 + x_3x_5x_6x_8 + x_3x_4x_7 + \\
& x_3x_4x_7x_8 + x_3x_4x_6 + x_3x_4x_6x_8 + x_3x_4x_5x_7 + x_3x_4x_5x_6 + x_2x_7x_8 + x_2x_6x_8 + \\
& x_2x_6x_7 + x_2x_6x_7x_8 + x_2x_5 + x_2x_5x_7x_8 + x_2x_5x_6x_8 + x_2x_4x_8 + x_2x_4x_7x_8 + x_2x_4x_5 + \\
& x_2x_4x_5x_7 + x_2x_4x_5x_6 + x_2x_3x_7 + x_2x_3x_6 + x_2x_3x_6x_8 + x_2x_3x_6x_7 + x_2x_3x_5x_8 + \\
& x_2x_3x_5x_7 + x_2x_3x_4x_7 + x_2x_3x_4x_6 + x_2x_3x_4x_5 + x_1x_8 + x_1x_6x_7 + x_1x_5 + x_1x_5x_6 + \\
& x_1x_5x_6x_7 + x_1x_4x_7x_8 + x_1x_4x_5 + x_1x_3x_8 + x_1x_3x_7 + x_1x_3x_6 + x_1x_3x_5 + x_1x_3x_5x_8 + \\
& x_1x_3x_5x_6 + x_1x_3x_4x_8 + x_1x_3x_4x_5 + x_1x_2
\end{aligned}$$

$$\begin{aligned}
& f_{24} = x_8 + x_7 + x_6 + x_6x_7x_8 + x_5x_8 + x_5x_6x_7 + x_4 + x_4x_7x_8 + x_4x_6 + x_4x_6x_8 + \\
& x_4x_6x_7x_8 + x_4x_5x_6 + x_4x_5x_6x_8 + x_3 + x_3x_6x_8 + x_3x_5x_8 + x_3x_5x_7 + x_3x_5x_6x_8 + \\
& x_3x_5x_6x_7 + x_3x_4 + x_3x_4x_8 + x_3x_4x_7x_8 + x_3x_4x_6 + x_3x_4x_6x_7 + x_3x_4x_5 + x_3x_4x_5x_8 + \\
& x_2x_8 + x_2x_7 + x_2x_6x_7 + x_2x_6x_7x_8 + x_2x_5 + x_2x_5x_6 + x_2x_4 + x_2x_4x_7x_8 + x_2x_4x_5x_6 + \\
& x_2x_3 + x_2x_3x_7x_8 + x_2x_3x_6 + x_2x_3x_6x_8 + x_2x_3x_6x_7 + x_1x_8 + x_1x_7x_8 + x_1x_5x_8 + \\
& x_1x_5x_7 + x_1x_5x_7x_8 + x_1x_5x_6x_8 + x_1x_4x_7 + x_1x_4x_6 + x_1x_4x_6x_8 + x_1x_4x_5x_8 + \\
& x_1x_4x_5x_7 + x_1x_3 + x_1x_3x_7 + x_1x_3x_7x_8 + x_1x_3x_6x_7 + x_1x_3x_5 + x_1x_3x_5x_8 + \\
& x_1x_3x_4x_6 + x_1x_3x_4x_5 + x_1x_2
\end{aligned}$$

$$\begin{aligned}
& f_{25} = x_8 + x_7 + x_7x_8 + x_6 + x_6x_7x_8 + x_5 + x_5x_7 + x_5x_7x_8 + x_5x_6x_7x_8 + x_4x_7 + \\
& x_4x_6 + x_4x_6x_8 + x_4x_6x_7 + x_4x_6x_7x_8 + x_4x_5 + x_4x_5x_8 + x_4x_5x_7 + x_4x_5x_7x_8 + \\
& x_3x_7x_8 + x_3x_6 + x_3x_6x_8 + x_3x_5x_7 + x_3x_5x_6 + x_3x_5x_6x_8 + x_3x_4 + x_3x_4x_8 + \\
& x_3x_4x_6x_8 + x_3x_4x_6x_7 + x_3x_4x_5 + x_2x_6x_8 + x_2x_5x_7 + x_2x_5x_6 + x_2x_5x_6x_8 + \\
& x_2x_4x_8 + x_2x_4x_7 + x_2x_4x_6x_7 + x_2x_4x_5x_8 + x_2x_3 + x_2x_3x_8 + x_2x_3x_7 + x_2x_3x_7x_8 + \\
& x_2x_3x_5 + x_2x_3x_4x_6 + x_2x_3x_4x_5 + x_1x_8 + x_1x_6x_8 + x_1x_6x_7x_8 + x_1x_5x_6 + x_1x_5x_6x_8 + \\
& x_1x_5x_6x_7 + x_1x_4 + x_1x_4x_7 + x_1x_4x_7x_8 + x_1x_4x_6 + x_1x_4x_6x_7 + x_1x_4x_5 + x_1x_4x_5x_6 + \\
& x_1x_3x_8 + x_1x_3x_7x_8 + x_1x_3x_6 + x_1x_3x_6x_8 + x_1x_3x_5x_8 + x_1x_3x_5x_7 + x_1x_3x_5x_6 + \\
& x_1x_3x_4x_8 + x_1x_3x_4x_7 + x_1x_2
\end{aligned}$$

$$\begin{aligned}
& f_{26} = x_8 + x_7 + x_6 + x_6x_8 + x_6x_7 + x_5 + x_5x_8 + x_5x_6 + x_5x_6x_7x_8 + x_4 + x_4x_8 + \\
& x_4x_7 + x_4x_7x_8 + x_4x_6x_7x_8 + x_4x_5x_7 + x_4x_5x_6 + x_3x_6x_7 + x_3x_5x_8 + x_3x_5x_7x_8 + \\
& x_3x_5x_6 + x_3x_5x_6x_8 + x_3x_5x_6x_7 + x_3x_4x_6 + x_3x_4x_6x_8 + x_3x_4x_6x_7 + x_3x_4x_5x_8 + \\
& x_3x_4x_5x_7 + x_3x_4x_5x_6 + x_2x_6x_8 + x_2x_6x_7 + x_2x_5 + x_2x_5x_8 + x_2x_5x_7 + x_2x_5x_6x_8 + \\
& x_2x_4 + x_2x_4x_8 + x_2x_4x_7 + x_2x_4x_6 + x_2x_4x_6x_8 + x_2x_4x_6x_7 + x_2x_4x_5x_8 + x_2x_4x_5x_6 + \\
& x_2x_3 + x_2x_3x_8 + x_2x_3x_7 + x_2x_3x_6 + x_2x_3x_6x_8 + x_2x_3x_6x_7 + x_2x_3x_5x_6 + x_2x_3x_4x_8 +
\end{aligned}$$

$$\begin{aligned}
& x_2x_3x_4x_6 + x_1x_5x_6x_8 + x_1x_5x_6x_7 + x_1x_4 + x_1x_4x_6x_7 + x_1x_4x_5 + x_1x_4x_5x_6 + \\
& x_1x_3x_7x_8 + x_1x_3x_6 + x_1x_3x_6x_7 + x_1x_3x_5 + x_1x_3x_5x_8 + x_1x_3x_4 + x_1x_3x_4x_6 + x_1x_2 \\
& f_{27} = 1 + x_8 + x_6 + x_6x_8 + x_5x_8 + x_5x_6x_7 + x_4 + x_4x_8 + x_4x_7x_8 + x_4x_6x_7 + \\
& x_4x_5x_7x_8 + x_4x_5x_6 + x_4x_5x_6x_8 + x_3 + x_3x_7 + x_3x_6 + x_3x_6x_8 + x_3x_6x_7 + x_3x_5x_7 + \\
& x_3x_5x_7x_8 + x_3x_5x_6x_8 + x_3x_5x_6x_7 + x_3x_4 + x_3x_4x_8 + x_3x_4x_7 + x_3x_4x_6 + x_3x_4x_6x_8 + \\
& x_3x_4x_6x_7 + x_3x_4x_5 + x_3x_4x_5x_8 + x_3x_4x_5x_6 + x_2 + x_2x_6x_8 + x_2x_6x_7x_8 + x_2x_5x_7x_8 + \\
& x_2x_5x_6x_8 + x_2x_4x_7 + x_2x_4x_6 + x_2x_4x_6x_8 + x_2x_4x_6x_7 + x_2x_4x_5x_7 + x_2x_4x_5x_6 + \\
& x_2x_3 + x_2x_3x_8 + x_2x_3x_7 + x_2x_3x_5 + x_2x_3x_5x_8 + x_2x_3x_5x_7 + x_2x_3x_4 + x_2x_3x_4x_8 + \\
& x_1x_7x_8 + x_1x_5x_7x_8 + x_1x_5x_6 + x_1x_5x_6x_8 + x_1x_4x_8 + x_1x_4x_7 + x_1x_4x_7x_8 + x_1x_4x_6 + \\
& x_1x_4x_6x_8 + x_1x_4x_6x_7 + x_1x_4x_5x_8 + x_1x_4x_5x_6 + x_1x_3 + x_1x_3x_8 + x_1x_3x_7 + x_1x_3x_6 + \\
& x_1x_3x_6x_8 + x_1x_3x_6x_7 + x_1x_3x_5x_7 + x_1x_3x_4x_7 + x_1x_3x_4x_5 + x_1x_2
\end{aligned}$$

$$\begin{aligned}
& f_{28} = x_8 + x_6 + x_6x_8 + x_6x_7 + x_6x_7x_8 + x_5 + x_5x_7 + x_5x_7x_8 + x_5x_6x_8 + x_4 + x_4x_7 + \\
& x_4x_7x_8 + x_4x_6 + x_4x_6x_8 + x_4x_6x_7x_8 + x_4x_5 + x_4x_5x_7 + x_4x_5x_6x_7 + x_3x_7 + x_3x_6x_8 + \\
& x_3x_6x_7 + x_3x_5x_7 + x_3x_5x_7x_8 + x_3x_5x_6x_7 + x_3x_4x_8 + x_3x_4x_7 + x_3x_4x_6 + x_3x_4x_6x_8 + \\
& x_3x_4x_6x_7 + x_3x_4x_5 + x_3x_4x_5x_8 + x_3x_4x_5x_6 + x_2x_8 + x_2x_6 + x_2x_6x_7 + x_2x_6x_7x_8 + \\
& x_2x_5 + x_2x_5x_7 + x_2x_5x_7x_8 + x_2x_5x_6 + x_2x_5x_6x_8 + x_2x_4x_6x_7 + x_2x_4x_5 + x_2x_4x_5x_7 + \\
& x_2x_3 + x_2x_3x_7 + x_2x_3x_7x_8 + x_2x_3x_6x_8 + x_2x_3x_5x_8 + x_2x_3x_5x_7 + x_2x_3x_5x_6 + \\
& x_2x_3x_4 + x_2x_3x_4x_6 + x_1x_7 + x_1x_7x_8 + x_1x_6x_8 + x_1x_6x_7 + x_1x_5 + x_1x_5x_7 + x_1x_5x_6 + \\
& x_1x_5x_6x_7 + x_1x_4x_8 + x_1x_4x_7 + x_1x_4x_7x_8 + x_1x_4x_6x_8 + x_1x_4x_6x_7 + x_1x_4x_5x_8 + \\
& x_1x_4x_5x_7 + x_1x_4x_5x_6 + x_1x_3x_8 + x_1x_3x_7 + x_1x_3x_7x_8 + x_1x_3x_6 + x_1x_3x_6x_8 + \\
& x_1x_3x_5 + x_1x_3x_5x_8 + x_1x_3x_5x_7 + x_1x_3x_4 + x_1x_3x_4x_8 + x_1x_3x_4x_7 + x_1x_2
\end{aligned}$$

$$\begin{aligned}
& f_{29} = x_8 + x_7 + x_7x_8 + x_6 + x_5 + x_5x_6x_8 + x_5x_6x_7 + x_4 + x_4x_8 + x_4x_7x_8 + x_4x_6x_8 + \\
& x_4x_5 + x_4x_5x_8 + x_4x_5x_7 + x_4x_5x_7x_8 + x_4x_5x_6 + x_4x_5x_6x_8 + x_4x_5x_6x_7 + x_3x_7x_8 + \\
& x_3x_6x_7 + x_3x_5x_6x_7 + x_3x_4x_8 + x_3x_4x_5x_7 + x_3x_4x_5x_6 + x_2x_8 + x_2x_7 + x_2x_6x_8 + \\
& x_2x_5x_7 + x_2x_5x_6 + x_2x_4x_7 + x_2x_4x_6x_8 + x_2x_4x_6x_7 + x_2x_4x_5x_8 + x_2x_4x_5x_6 + \\
& x_2x_3x_6x_7 + x_2x_3x_5x_6 + x_2x_3x_4 + x_2x_3x_4x_7 + x_2x_3x_4x_5 + x_1 + x_1x_6 + x_1x_6x_7 + \\
& x_1x_5 + x_1x_5x_8 + x_1x_5x_7x_8 + x_1x_5x_6 + x_1x_5x_6x_7 + x_1x_4 + x_1x_4x_8 + x_1x_4x_6 + \\
& x_1x_4x_5 + x_1x_4x_5x_8 + x_1x_3 + x_1x_3x_7x_8 + x_1x_3x_6x_8 + x_1x_3x_5x_8 + x_1x_3x_5x_7 + \\
& x_1x_3x_5x_6 + x_1x_3x_4 + x_1x_3x_4x_6 + x_1x_3x_4x_5 + x_1x_2
\end{aligned}$$

$$\begin{aligned}
& f_{30} = x_8 + x_7 + x_6x_7 + x_6x_7x_8 + x_5 + x_5x_7x_8 + x_5x_6 + x_5x_6x_8 + x_5x_6x_7x_8 + x_4 + \\
& x_4x_8 + x_4x_6 + x_4x_6x_8 + x_4x_6x_7x_8 + x_4x_5x_8 + x_4x_5x_6 + x_4x_5x_6x_8 + x_4x_5x_6x_7 + \\
& x_3x_7 + x_3x_7x_8 + x_3x_6 + x_3x_5x_6 + x_3x_5x_6x_8 + x_3x_5x_6x_7 + x_3x_4x_7 + x_3x_4x_7x_8 + \\
& x_3x_4x_6 + x_3x_4x_6x_8 + x_3x_4x_5 + x_3x_4x_5x_8 + x_3x_4x_5x_6 + x_2 + x_2x_7 + x_2x_6 + \\
& x_2x_6x_8 + x_2x_6x_7x_8 + x_2x_5 + x_2x_5x_8 + x_2x_5x_7 + x_2x_5x_7x_8 + x_2x_5x_6 + x_2x_5x_6x_8 + \\
& x_2x_5x_6x_7 + x_2x_4 + x_2x_4x_8 + x_2x_4x_7 + x_2x_4x_6x_7 + x_2x_4x_5 + x_2x_4x_5x_6 + x_2x_3 + \\
& x_2x_3x_7x_8 + x_2x_3x_6 + x_2x_3x_5 + x_2x_3x_5x_6 + x_2x_3x_4 + x_2x_3x_4x_7 + x_2x_3x_4x_6 + \\
& x_2x_3x_4x_5 + x_1 + x_1x_8 + x_1x_7 + x_1x_7x_8 + x_1x_6 + x_1x_6x_8 + x_1x_6x_7 + x_1x_6x_7x_8 + \\
& x_1x_5x_8 + x_1x_5x_7 + x_1x_5x_7x_8 + x_1x_5x_6x_8 + x_1x_4 + x_1x_4x_8 + x_1x_4x_7 + x_1x_4x_6x_7 + \\
& x_1x_4x_5 + x_1x_4x_5x_8 + x_1x_4x_5x_7 + x_1x_4x_5x_6 + x_1x_3 + x_1x_3x_8 + x_1x_3x_6 + x_1x_3x_6x_7 + \\
& x_1x_3x_5x_8 + x_1x_3x_5x_7 + x_1x_3x_4x_8 + x_1x_3x_4x_6 + x_1x_3x_4x_5 + x_1x_2
\end{aligned}$$

$$\begin{aligned}
& f_{31} = x_8 + x_7 + x_6 + x_6x_8 + x_6x_7 + x_6x_7x_8 + x_5 + x_5x_8 + x_5x_6 + x_4 + x_4x_7x_8 + \\
& x_4x_6x_8 + x_4x_6x_7x_8 + x_4x_5 + x_3x_7 + x_3x_7x_8 + x_3x_6x_8 + x_3x_6x_7 + x_3x_5x_8 + x_3x_5x_7 + \\
& x_3x_5x_7x_8 + x_3x_5x_6 + x_3x_5x_6x_7 + x_3x_4x_7 + x_3x_4x_5x_8 + x_3x_4x_5x_7 + x_2x_6x_8 + \\
& x_2x_6x_7x_8 + x_2x_5x_7 + x_2x_5x_6 + x_2x_4x_6x_8 + x_2x_4x_5 + x_2x_4x_5x_8 + x_2x_4x_5x_7 + \\
& x_2x_4x_5x_6 + x_2x_3 + x_2x_3x_7 + x_2x_3x_6 + x_2x_3x_5 + x_2x_3x_4x_7 + x_2x_3x_4x_5 + x_1x_8 + \\
& x_1x_7x_8 + x_1x_6x_8 + x_1x_6x_7 + x_1x_5x_8 + x_1x_5x_7x_8 + x_1x_4 + x_1x_4x_7 + x_1x_4x_6 +
\end{aligned}$$

$$\begin{aligned}
& x_1x_4x_6x_8 + x_1x_4x_6x_7 + x_1x_4x_5 + x_1x_4x_5x_8 + x_1x_4x_5x_7 + x_1x_4x_5x_6 + x_1x_3x_6x_8 + \\
& x_1x_3x_4 + x_1x_3x_4x_8 + x_1x_3x_4x_5 + x_1x_2 \\
& f_{32} = x_7 + x_7x_8 + x_6 + x_6x_7 + x_6x_7x_8 + x_5 + x_5x_7 + x_5x_6 + x_5x_6x_7 + x_4 + \\
& x_4x_7x_8 + x_4x_6x_8 + x_4x_6x_7 + x_4x_5x_8 + x_4x_5x_7x_8 + x_4x_5x_6 + x_4x_5x_6x_8 + x_3x_7 + \\
& x_3x_6x_7x_8 + x_3x_5x_6 + x_3x_5x_6x_7 + x_3x_4x_6 + x_3x_4x_6x_8 + x_3x_4x_5x_8 + x_3x_4x_5x_6 + \\
& x_2 + x_2x_6x_8 + x_2x_6x_7 + x_2x_6x_7x_8 + x_2x_5x_8 + x_2x_5x_7x_8 + x_2x_5x_6x_7 + x_2x_4x_7x_8 + \\
& x_2x_4x_6x_8 + x_2x_4x_5 + x_2x_3 + x_2x_3x_8 + x_2x_3x_7 + x_2x_3x_7x_8 + x_2x_3x_6 + x_2x_3x_6x_8 + \\
& x_2x_3x_6x_7 + x_2x_3x_5x_8 + x_2x_3x_5x_6 + x_2x_3x_4x_7 + x_2x_3x_4x_6 + x_1x_7x_8 + x_1x_6x_8 + \\
& x_1x_6x_7 + x_1x_6x_7x_8 + x_1x_5x_7 + x_1x_5x_7x_8 + x_1x_5x_6x_8 + x_1x_5x_6x_7 + x_1x_4x_8 + \\
& x_1x_4x_5 + x_1x_3 + x_1x_3x_8 + x_1x_3x_7x_8 + x_1x_3x_6x_8 + x_1x_3x_5x_8 + x_1x_3x_5x_7 + x_1x_3x_4 + \\
& x_1x_3x_4x_8 + x_1x_3x_4x_7 + x_1x_3x_4x_6 + x_1x_3x_4x_5 + x_1x_2
\end{aligned}$$