\[ f(x_1, y_1, z_1) = \Sigma_m (0, 1, 5, 6, 7) \]

\[ x_1 \cdot y_1 \cdot z_1 = 2 \cdot x_1 \cdot y \]

4.16 \[ f = w_2 \bar{w}_3 + w_1 w_3 + \bar{w}_2 w_3 \]

\[ = \bar{w}_3 (w_2) + w_3 (w_1 + \bar{w}_2) \]

\[ = \bar{w}_3 [\bar{w}_2(0) + w_2(1)] + w_3 [w_1 (\bar{w}_2 + \bar{w}_2) + \bar{w}_2] \]

\[ = \bar{w}_3 [\bar{w}_2(0) + w_2(1)] + w_3 [\bar{w}_2(w_1 + 1) + w_2(w_1)] \]

\[ = \bar{w}_3 [\bar{w}_2(0) + w_2(1)] + w_3 [\bar{w}_2(1) + w_2(w_1)] \]