Group Homework 7

G2 - Robert Krency, Austin Pringle, Anthony Stepich

October 14, 2021

1. $f(wxyz) = \sum_m(8, 9, 10, 13, 15) + \sum_\delta(0, 4, 6, 12, 14) = WY' + WX + WYZ'$

YZ

		00	01	11	10
	00	-	0	0	0
	01	-	0	0	-
WX	11	-	1	1	-
	10	1	1	0	1

2. $f(wxyz) = \sum_m(5, 9, 14, 15) + \sum_\delta(0, 1, 7, 8, 11 - 13) = WX + Y'Z$

YZ

		00	01	11	10
	00	-	-	0	0
	01	0	1	-	0
WX	11	-	-	1	1
	10	-	1	-	0

3. $f(wxyz) = \sum_m(0, 3, 7, 11, 13) + \sum_\delta(2, 4, 6, 12) = W'Y + W'Z + WXY' + X'YZ$

4. $f(wxyz) = \sum_m(2, 8, 9, 10 - 12) + \sum_\delta(3, 6, 13 - 15) = W + YZ'$