

		Q3									
		Q1				Q1				D4	
Q4	Q2	-	-	-	-	-	-	-	-	X1	
		-	-	-	-	-	-	-	-		
		-	-	-	-	0	0	1	1		
		-	-	-	-	0	0	0	0		
	Q2	1	1	0	0	0	0	0	0	X1	
		1	1	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0		
		X2								X2	

$$D4 = (Q3\bar{Q}1) (\bar{Q}2\bar{X}1) (\bar{Q}2Q1) (\bar{Q}4\bar{Q}3)$$

		Q3									
		Q1				Q1				D3	
Q4	Q2	-	-	-	-	-	-	-	-	X1	
		-	-	-	-	-	-	-	-		
	-	-	-	-	0	0	0	0			
	-	-	-	-	0	0	1	1			
	Q2	0	0	1	1	1	1	1	1	X1	
		0	0	1	1	1	1	0	0		
	1	1	1	1	0	0	0	0			
	1	1	1	1	0	0	0	0			
		X2								X2	

$$D3 = (Q4X1) (Q4Q3Q1) (Q4\bar{Q}3\bar{Q}2Q1) (\bar{Q}4\bar{Q}3\bar{Q}2) (\bar{Q}4\bar{Q}3Q2\bar{Q}1X1)$$

		Q3							
		Q1				Q1			D2
Q4	Q2	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	0	0	1	1
		-	-	-	-	0	0	0	0
	Q2	0	0	1	1	0	0	0	0
		0	0	1	1	0	0	1	1
		1	1	1	0	1	1	0	0
		1	1	1	0	1	1	0	0
		X2				X2			

$$D2 = (Q4Q1) (Q4\bar{Q}2) (Q2Q1) (Q4\bar{Q}3) (\bar{Q}4\bar{Q}3\bar{Q}2\bar{Q}1) (\bar{Q}4\bar{Q}3\bar{Q}2\bar{Q}1\bar{X}2)$$

		Q3							
		Q1				Q1			D1
Q4	Q2	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	0	0	1	1
		-	-	-	-	0	0	1	1
	Q2	0	0	1	1	0	0	0	0
		0	0	1	1	0	0	1	1
		1	1	0	1	0	0	1	1
		1	1	0	1	0	0	1	1
		X2				X2			

$$D1 = (\bar{Q}3Q1) (Q4Q2) (Q4\bar{Q}3Q2) (\bar{Q}4\bar{Q}3\bar{Q}2\bar{Q}1X2)$$

		Q3			Y1
Q4	-	-	0	1	
	-	-	-	-	
	0	1	0	1	Q2
	0	0	1	0	
		Q1			

$$Y1 = (Q1) (Q4\bar{Q}1) (\bar{Q}3Q2Q1) (\bar{Q}4\bar{Q}2\bar{Q}1) (\bar{Q}4Q3\bar{Q}2)$$

		Q3			Y2
Q4	-	-	1	0	
	-	-	-	-	
	0	0	1	0	Q2
	0	0	0	0	
		Q1			

$$Y2 = (Q3) (\bar{Q}4\bar{Q}2) (Q3\bar{Q}1)$$

		Q3			Y3
Q4	-	-	0	0	
	-	-	-	-	
	1	0	0	0	Q2
	0	0	0	0	
		Q1			

$$Y3 = (\bar{Q}2) (\bar{Q}2\bar{Q}1) (Q1)$$

		Q3			Y4
Q4	-	-	0	0	
	-	-	-	-	
	0	0	0	0	Q2
	0	1	0	0	
		Q1			

$$Y4 = (\bar{Q}1) (\bar{Q}3) (Q2)$$

