		Guia	0604			
Nome Matricula	David de S 699415	sa Vieira de	faria			
	,d) = π M (2) 5 7 40 \				
# #	,d) = π M (2 a	2, 5, 7, 13) b	С	d	s	Mapa Veitch-Karnaugh
0	0	0	0	0	1	ab/cd C'D' C'D CD CD'
2	0	0	0	0	0	A'B' 0 1 3 2 A'B' 4 5 7 6
3	0	0	1	1	1	AB 12 13 15 14
4	0	1	0	0	1	AB' 8 9 11 10
5 6	0	1	0	0	0	ab/cd 00 01 11 10
7	0	1	1	1	0	ab/cd 00 01 11 10 00 1 1 1 0
8	1	0	0	0	1	01 1 0 0 1
9	1	0	0	1	1	11 1 0 1 1
10	1	0	1	0	1	10 1 1 1 1 1 Conjuntos (5,7),(5,13),(2)
12	1	1	0	0	1	Fun. Simplificada PoS: a+b'+d' . b'+c+d' . a+b+c'+d
13	1	1	0	1	0	
14	1	1	1	0	1	
15	1	1	1	1	1	
	,d) = π M (4	1, 8, 9, 12, 1	15)			
#	а	b	С	d	s	Mapa Veitch-Karnaugh
1	0	0	0	1	1	ab/cd C'D' C'D CD CD' A'B' 0 1 3 2
2	0	0	1	0	1	A'B' 4 5 7 6
3	0	0	1	1	1	AB 12 13 15 14
5	0	1	0	0	1	AB' 8 9 11 10
6	0	1	1	0	1	ab/cd 00 01 11 10
7	0	1	1	1	1	00 1 1 1 1
8	1	0	0	0	0	01 0 1 1 1
9	1	0	1	0	1	11 0 1 0 1 10 0 0 1 1
11	1	0	1	1	1	Conjuntos (4,12),(8,9),(15)
12	1	1	0	0	0	Fun. Simplificada PoS: b'+c+d . a'+b+c . a'+b'+c'+d'
13 14	1	1	0	0	1	
15	1	1	1	1	0	
e) F (a,b,c, #	,d) = π M (4	b, 8, 11, 13,		d	e	Mapa Veitch-Karnaugh
0	0 0	0	0	0	s	ab/cd C'D' C'D CD CD'
1	0	0	0	1	1	A'B' 0 1 3 2
2	0	0	1	0	1	A'B' 4 5 7 6
3 4	0	0	0	0	0	AB 12 13 15 14 AB' 8 9 11 10
5	0	1	0	1	1	0 0 11 10
6	0	1	1	0	1	ab/cd 00 01 11 10
7 8	0 1	0	0	0	0	00 1 1 1 1 01 0 1 1 1
9	1	0	0	1	1	11 1 0 0 1
10	1	0	1	0	1	10 0 1 0 1
11 12	1	0	0	0	0	Conjuntos (11,15),(13,15),(4),(8)
13	1	1	0	1	0	Fun. Simplificada PoS: a'+c'+d' . a'+b'+d' . a+b'+c+d . a'+b+c+d
14	1	1	1	0	1	
15	1	1	1	1	0	
d) F (a,b.c.	,d) = π M (´	l, 3, 5, 13. 1	14, 15)			
#	а	b	С	d	s	Mapa Veitch-Karnaugh
0	0	0	0	0	1	ab/cd C'D' C'D CD CD'
2	0	0	1	0	1	A'B' 0 1 3 2 A'B' 4 5 7 6
3	0	0	1	1	0	AB 12 13 15 14
4	0	1	0	0	1	AB' 8 9 11 10
5 6	0	1	0	0	1	ab/cd 00 01 11 10
7	0	1	1	1	1	00 1 0 0 1
8	1	0	0	0	1	01 1 0 1 1
9	1	0	0	0	1	11 1 0 0 0 10 1 1 1 1 1
11	1	0	1	1	1	Conjuntos (1,3),(5,13),(14,15)
12	1	1	0	0	1	Fun. Simplificada PoS: a+b+d' . b'+c+d' . a'+b'+c'
13	1	1	0	1	0	
14 15	1	1	1	1	0	
	,d) = π M (3					
0	а 0	b 0	С 0	d 0	s	Mapa Veitch-Karnaugh ab/cd C'D' C'D CD CD'
1	0	0	0	1	1	A'B' 0 1 3 2
2	0	0	1	0	1	A'B' 4 5 7 6
3	0	0	1	1	0	AB 12 13 15 14
5	0	1	0	0	0	AB' 8 9 11 10
6	0	1	1	0	0	ab/cd 00 01 11 10
7	0	1	1	1	0	00 1 1 0 1
8	1	0	0	0	1	01 1 0 0 0
9	1	0	0	0	1	11 1 0 1 0 10 1 1 1 1 1
11	1	0	1	1	1	Conjuntos (3,7),(5,13),(6,14)
12	1	1	0	0	1	Fun. Simplificada PoS: a+c'+d' . b'+c+d' . b'+c'+d
13 14	1	1	0	0	0	
15	1	1	1	1	1	
		i	1	i .	1	