5101

## Kamis, 22 Oktober 2020 from the man that the control within Ferza Reyaldi 3 TI REGULER A State to cappe a color STRUKTUR DICKETT I a. F(x,y) = x + y = x(y+q) + y(x+x) = xy + xy + xy + xy = xy+xg+xy. (B) f(wxxxx) = 5.(01,3,436,9,01.12,3,4) b. F(x,y) = 1 = (x+ x).(y+y) = xy + xy + xy + xy bentuk kanonik SOP J c. f(xiy) = x9 ( Sydah dalam d. F(x,y) = 9 = $\bar{y}(x+\bar{x})$ O.F = 59 + x9. 10 (2) 00 11 q. F(u,x,y,z) = w'y'z + xy'z + wx'yz + w'x'yz'+ wxyz' 0 0 T 00 01 0 1 0 0 1 0 11 11 0 10 1) F(w, x, y, z) = wy'z' + wx'z + wxy + w'x'y + w'xy'z . 00 1 1 1 1) 11 3 A = da, b, c, d, ey Banyak himpunan Bagian = \( \sum\_{10} C(5,i) = C\_0^5 + C\_1^9 + C\_2^5 + C\_3^5 + C\_4^5 + C\_5^6 + 1501

= 1 + 6 + 10 + 10 + 5 + 1.

= 32//

Suku ke-empat = 
$$C_3^6 (5)^{6-3} (-4x)^3$$
  
=  $\frac{6!}{5!} \cdot 5^3 \cdot (-4x)^3$   
=  $\frac{20}{5!} \cdot (-64x)^3$   
=  $\frac{20}{5!} \cdot (-64x)^3$   
=  $\frac{20}{5!} \cdot (-64x)^3$ 

## (5). f(w,x,y,z) = \(\Sigma(0.1,3,4,5.6.7,9.11.12,13,4)\)

term	String		term	String		term	Strine							
0	0000	<b>v</b>	0,1	000-	~	0,14,5	0-0-	DE LESS APPEARENCES						
1	0001	V	0,4	0-00	V	1,3,5,7	01							
4	0100	~	1,3	00-1	v	1,3,9,11	-0-1							
3	0011	1	1,6	0-01	V	1,5,9,13	01							
5	0101	V	1,9	-001	V	4,6,6,7	01							
6	0110	1	4,5	010-	V	4,5,12,13	(27.8) 11							
9	1001	J	4.6	01-0	V	4,6,12,14	px + bx							
12	1100	J	4,12	-100	V									
7	0111	1	3,7	0-11	1									
11	1011	J	3,11	-011	V							350		
13	1101	V	5.7	01-1	V						00			
14	1110	1	6113	-101	V									
			6.7	011-	V									
			GIA	- 110	V				17			Q.		
			9111	10-1	1				24					
			9,13	1-01	~							190		
	61	extu +	12.13	110-	~							60		

9,13 12.13 12,14

Prime Implicant	0	1	3	4	5	6	7	9	11	12	13	14
V 0,1,4,5	×	×		×	X							
1,3,5,7		×	X		X		X					
✓ 1,3,9·II		×	×					×	X			Ps.
1, 5, 9, 13	1	×	04	100	X	+ 50	7 6	X	61.03	OK	X	resound.
4,5,6,7	0			×	X	×	X			4		
4,5,12,13	Tip.	12		X	X					×	×	
V 4.6.12.14		-1	7 3	×	6 91	×	6 1			X		×

11-0 ~

campoi tahap mi tranih ada 2 matern yang belum tercatup dalam prime Implicant teophih, yaitu 7 dan 13. Berhuk prima yang tercaz (1,3,5,7), (1,5,8,15), (4,5,6,7), (4,5,12,15).

Kemungkinan jawaban:

- memilih (1,3,5,7) dan (1,5,9,13)

- memilih (1,3,9,7) dan (9,5,12,13)

- memilih (4,9,6,7) dan (1,9,9,15)

- memilih (4.5.6,7) dan (4,5,12,18)

 $f(u_1x_1y_1z) = w'g' + x'z + xz' + w'z + y'z$  = w'y' + x'z + xz' + w'z + xy' = w'y' + x'z + xz' + w'x + y'z = w'y' + x'z + xz' + w'x + xy'.