Nama: Fauzou Abdurrahmbu

NPM: 1806069

Latina Fungsi @

1. Dik s = \$1,0,2,4,73, Tensoka 5 a. FOX)=1

F CS) = 1

F (-1)=1

1=(0) 7

f (2)=1

F (4) =1

F (7) = 1

· Rurywhere defined V 2 · 00160 4 X · OUR 60 - OUR

6- FCK) = [x/9]

FCS) = [5/5]

FC-1) = -1/9

FC0) = 0/5 =0

FC2) = 2/5

F (4) = 4/9

F (7) = 7/5

-1/5 0 0 6 Everywhere 2 49 · onto 4/5 4 · our to one V

C. FCX)= 2x +1

FC4) = 2 C4) +) F C-1,1= 2C-1)+1

- 9

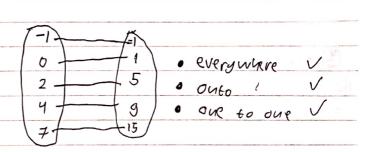
= -1

f (0) = 2 (0) f1

P(7)=2(7)+1

P(2) = 2(2)+1

25



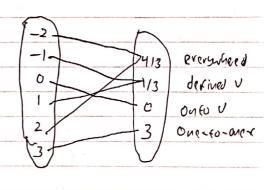
d. FCX) = [CX2+U/3] FC4)=[e42+1)/3]=17/3

FC-1J = [C-13+1)/3]

FCO] = [69+1)/3]

F CZ) = E ZZ2+13/3]

FC7) = [C72+1)13] = 50/3



2 DIK: FCRD = [x2/3], tensum FGD jim:

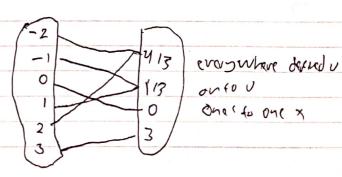
 $a = \frac{1}{2} - \frac{1}{2}, -\frac{1}{2}, 0, 1, 7, 3$   $f(x) = \frac{1^2}{3}$   $f(x) = \frac{1^2}{3}$   $f(x) = \frac{1}{3}$ 

PC-1) = -13/3=0/3 P(2) = 22/3.

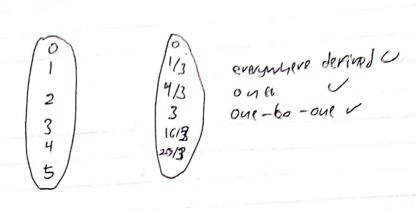
 $F(0) = 0^2/3 = 0$ 

= 4/3 P(3)=32/2

= 3



b. 
$$\delta = [0,1,2,3,4,5]$$
  
 $F(0) = 0^{2}/3 = 0$   
 $F(1) = 1^{2}/3 = 1/3$   
 $F(2) = 2^{2}/3 = 415$   
 $F(3) = 3^{2}/3 = 3$   
 $F(4) = 4^{2}/3 = 16/7$   
 $F(5) = 5^{2}/3 = 25/5$   
C.  $\delta = [1,3,7,11]$   
 $F(1) = 1^{2}/3 = 1/0$   
 $F(3) = 5^{2}/3 = 25/3$   
 $F(4) = 7^{2}/3 = 25/3$ 



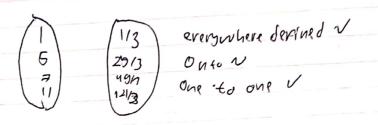
C. 
$$S = [1/3,7,11]$$

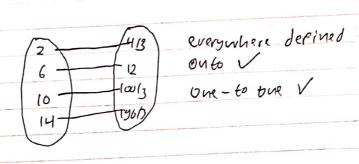
$$F(1) = 1^{6}/3 = 1/0$$

$$F(5) = 5^{2}/3 = 25/3$$

$$F(7) = 7^{2}/3 = 49/3$$

$$F(11) = (1^{2}/5) = 121/3$$





1 permutasi 1) Wrugar [1,2,3,4,5,6] a. aguray 2,3,4,5,6,1

$$P = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 2 & 3 & 4 & 5 & 6 \end{bmatrix} \qquad P' = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 6 & 1 & 2 & 3 & 4 & 5 \end{bmatrix} \qquad \begin{cases} 1 & 2 & 3 & 4 & 5 & 6 \\ 1 & 5 & 6 & 4 & 2 & 3 \end{cases} \qquad \begin{cases} 1 & 2 & 3 & 4 & 5 & 6 \\ 1 & 5 & 6 & 4 & 2 & 3 \end{cases} \qquad P' = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 1 & 5 & 6 & 4 & 2 & 3 & 4 \end{cases} \qquad P' = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 1 & 5 & 6 & 4 & 2 & 3 & 4 \end{cases} \qquad P' = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 1 & 5 & 6 & 4 & 2 & 3 & 4 & 5 \\ 1 & 5 & 6 & 4 & 2 & 3 & 4 & 5 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 \\ 1 & 2 & 6 & 6 & 6 & 6 \\ 1 & 2$$

b. 
$$p = \begin{pmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 2 & 2 & 1 & 4 & 5 & 6 \end{pmatrix}$$
  $p = \begin{pmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 3 & 1 & 2 & 4 & 5 & 6 \end{pmatrix}$   $p = \begin{pmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 3 & 1 & 2 & 4 & 5 & 6 \end{pmatrix}$   $p = \begin{pmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 3 & 1 & 2 & 4 & 5 & 6 \end{pmatrix}$ 

C. 
$$P = (123456)$$
 $P = (123456)$ 
 $P = (26) o (3.5)$ 
 $P = (26) o (3.5)$ 

8. Permutes i den Kambrosi

1. Swastu adulay Daniabel di datan Bahagu

Pemagraman Marus be rupo Sibuah hurut

atau Schuch hurut di ikutu dengan sebuga

angua Berapu bangu Nama perbuh yas

dapat dibuut,

ni = 26 noelle

Ti = 1 To = 1

 $r! (\alpha - r)!$   $r! (\alpha - r)!$  r! (

2) Pangulangan diperbolenua, 3) Di dolan Keles tendapa loo mahasismo, 40 any raki-laki, 60 arat

r=4 N= \frac{2}{17273,577,0} =6. Perempuan- a berope book jiku paritu jen hans dipe di kena

h=64 Sebreh porition 10 any

h=100 T=10

P (160/10) = 100)

= 100 × 99 ×98×97×96×95 ×94×93×92×91×9

Scanned by CamScanner

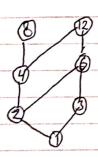
12(40,6) x Perc,4) = 32343467616 com

## P. Latihan Poset

1) Diogram husse

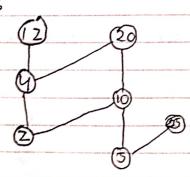
a. E£1,23,4,6,8,123,1)

R = (£C1/1), (1,2), (1,3), (841), (1,12), (2,2) (2,12), (2,6), (2,12), (3,3), (3,6), (3,10), (4,12), (4,12), (4,12), (4,12), (6,6), (1,12), (8,2), (12,12) }



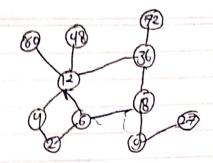
b. ( £ 2, 4, 5, 10, 12, 20, 25}, 1)

 $R = \{(2,2),(2,4),(2,10),(2,12),(2,20),(4,4),(4,12),(4,20),(5,5),(5,10),(5,25),(10,10),(10,20),(12,12),(20,20),(25,25)$ 

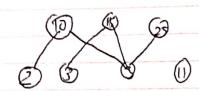


C. (£2,4,6,9, P,10, 27, 36, 48, 69,72]

R= {(2,2), (2,4), (2,6), (2,12), (2,18), (2,36), (2,48), (2,60), (2,72), (4,4), (4,12), (4,36), (4,41), (4,60), (4,72), (6,6), (6,12), (6,18), (6,36), (6,48), (6,68), (6,72), (9,91, (5,18), (9,27), (9,72), (12,12), (12,36), (12,48), (12,66), (12,72), (18,36), (18,36), (18,72), (27,27, (36,34), 36,72), (48,48), (60,60), (76,72)}



d (£23,6,6,1,15,233)) R= {C221,(2,6), (33), (3,15), (5,5), (5,6), (5,16), (5,15)(10,10), (11,11)(13,13) (25,23)}



Book (2) Davi Stagran hosse di San Plag, bomular:

a. Eleman musimus Iel, on

b. Elemen minim = 0,5, C

C. Elenen berberra. Elda adu, Karna elen en masimon 4,

of Elanen fernecil Gida day blanca eleny minimon 71

e. UB, WB, LB; GLB Pada 3 96,63

· UB = t, e, p, h, i ; à ; k, cl, us

· LB = Flda ada

· LUB = Tided terreprisis, Kerena de f pula Higher gang some, das LUB

· CUB = Tida adu Norma tida adu UB

F-UB, LOUIS, US, OLB, - bad CEgrh7

·UB= jok, lyn

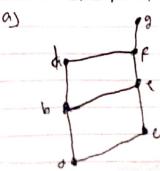
· LB = a, b, c,d.e

· LUB: Fldag Berderins, Kana J. K berda Pida tigle you some

· GLB - Flock ferrerainsighten of C bords Pada tinger day some

## E LATTICES

Trytuly applied diagram hasse menpain Lotices



UB, LUB, LB, OLB pada EdeR}

· UB = 9

· CB = a, b, c Selivyon diagram lassin mengan

· LUB=9

lotters, Kerlan ada LUB dan ELB

