$$\frac{L_2}{a} = \frac{L}{a} \cup \frac{a \int a \omega b u c \int^*}{a}$$

$$= L_1 \cup \{a \cup b \cup c\}^*$$

$$= L_4$$

$$\frac{L_2}{h} = \frac{L}{h} \cup \phi = L_2$$

$$\frac{L_2}{C} = \frac{L}{C} \cup \phi = L$$

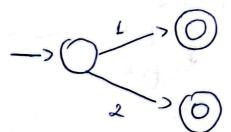
$$\frac{13}{C} = \frac{1}{C} \quad (a v b v c)^{4} = [L v \{a v b v c\}^{4} = L_{3} v \{a v b v c\}^{4} = L_{4} v \{a v b v c\}^{4} = L_{5} v \{a v b v c\}^{4} = L_{5}$$

(103) ga le Moctpou KA c d36yka $Z = $1,2,3}$ po 3103 Hol Balls e 34 ta $L = Z * | C $1,2$ \ Z * (33) \ U $123]*$

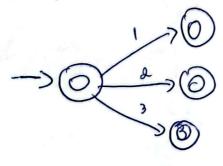
30 1.2.3 uhune kotketetalgus

$$\rightarrow \bigcirc 1 \rightarrow \bigcirc 2 \rightarrow \bigcirc 3 \rightarrow \bigcirc$$

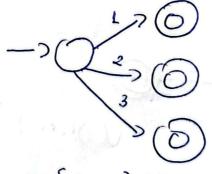
30 142

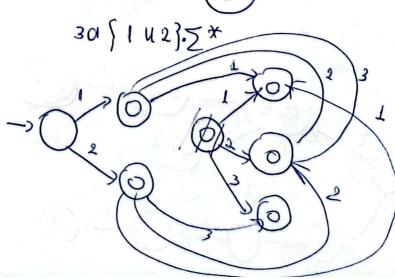


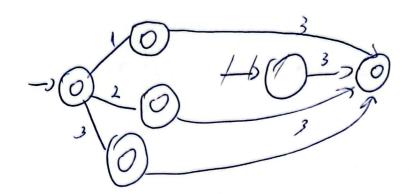
30 \1 u 2 u 3 }*



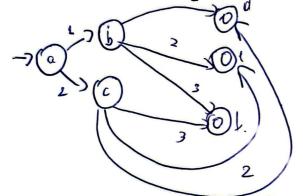
3a 14243 = Z



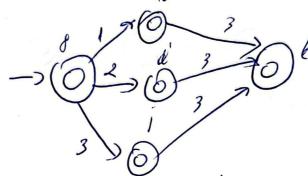




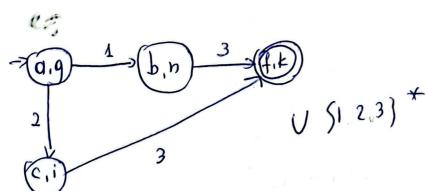
S112} Z* n Z*53} 3a

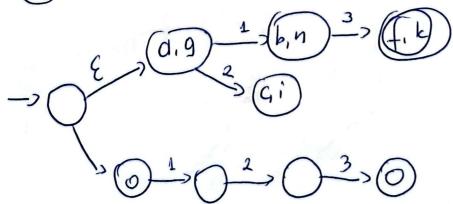


9 - h g = i g = j HO4. (20. 0, 3 b



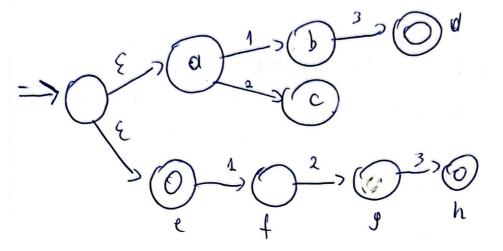
b,n = 3 d d HI the b,n = 3 b HI the b,n = 3 f, k C,i = 3 f, k

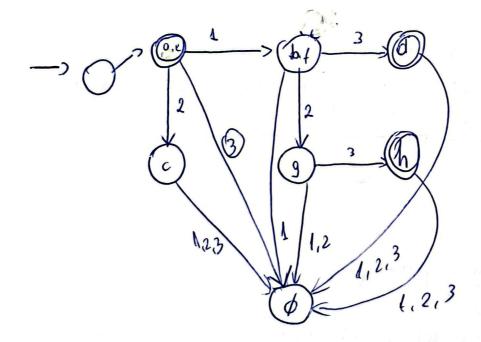


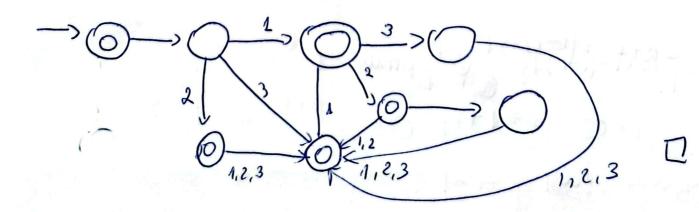


MODIENHE HUR HO (103)

Z* / -11 -







(104) ga a gordine 40 L= {WO" WR | WESO,13 =, 1 w/>// He e perynapel Неког допуснем че име 1кл А който разпозновые L. Hence IXI = i n=} За принерно W=1 TO TOBA L= WINOSA' Hence II p>0 Taxosa 4e J= 1P+1 OP 1 P+1 $|xy| \le p \quad p > 0 \quad n$ J passubare Ha Y = XYZ χ'= Xy'=. Шье разгледане Слерните случаи. XY CB 98 PHO COMO I reputep to OT I GOLT the Xi = 1/X1 1/4/ 1/P+11-1X/4/ 1/P+11 0/P = 1 x1+1/1 + p+11-1x1-1x1-1x1 + p+1) OP 1p+1 otgento Y== 11-(1-1) 1/11 0 P [P+11 При i= 2719+1-141 OP 1P+1 но 14/>0 u Toke (1) p+1-|y| gi ≠ L HO NIBATA CTORHA / W/ = / W/ - 1/4/ LHE e perynaped.

Mpop & n Hetre the 104 2 (nyhan xy czgoptta como o. X = 1 P+1 0 P 1 P+1 1.... 1 0 ... 0 1 . . . 1 z xy z 1=1P+1 0 1×1 0 1/1 0 P-1×1-1/1 1 P+1 Ji= 1 P+1 0 P+(i-1) /1 , P+1 Mpu i=2 NHOKe 1P+1 0P+1y1, P+1 to 141 =1 Toraba p+141 > p+1 HO cropps y chobneto unetre p+1 > p. => xi&L. 3 chylan xy copoptia non 1 $\frac{1}{z}$ $\frac{1}{xy}$ $\frac{0}{z}$ = 1 p+1 + (1-1) 1 y | O p + (1-1) 1 y 1 & p+1 mpn i= 1.0 uneme 1p+1=141 0p-14/2p+1 P+1-141> p-141 HO 141 + 1 WP1 => &1 + L (103) gokathe Te le esurbT L={0^bk | n+k=2 (mod 3) nm 2n < k} 1 chy4a4 h+k= 2(mod 3) Here Jp p > 0 Taroba 4e p=n Toraba rak p+ k= 2 (mod 3) Tako 4e: 301 k извирана 2p+2 3p+2=2 (mod 3) WEL => apb2p+2 J passausane Haw=Xy2 The IXYI = P 1/1 = 40 ctol of XY una como a alx aily1 0 p-1x1-1y1 6 2p+2 $dp+(i-1)|y||_{b}^{2}p+2$ Toect p+(i-1)|y|+2p+2 tpsi6B01 go a genu to 3 a go also octores 2 to npn i=0 where P-141 HO 141 > 1 U TOTOIBO p-171+2p+2 = 3p+2-171 < 3p+2 => wo & L.

THOP WITH THE (TOS) 2n ≤ k Herre k=2h 2 Chyyan J! p 30 roeto n=p TOTABE UNIONE OF 6 2P Hena xy una cono o alx1 alx1 ap-1x1-x1 bep ar 62p-1x1-41+1x1+ily) 2p - |y| HO |y| > 1 => 2p-1x1 < 2p => W. & L

Gob gora here we Leke

$$L = \int a^h b^K c^m d^L \mid m > 2n \quad unu \mid > k$$
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