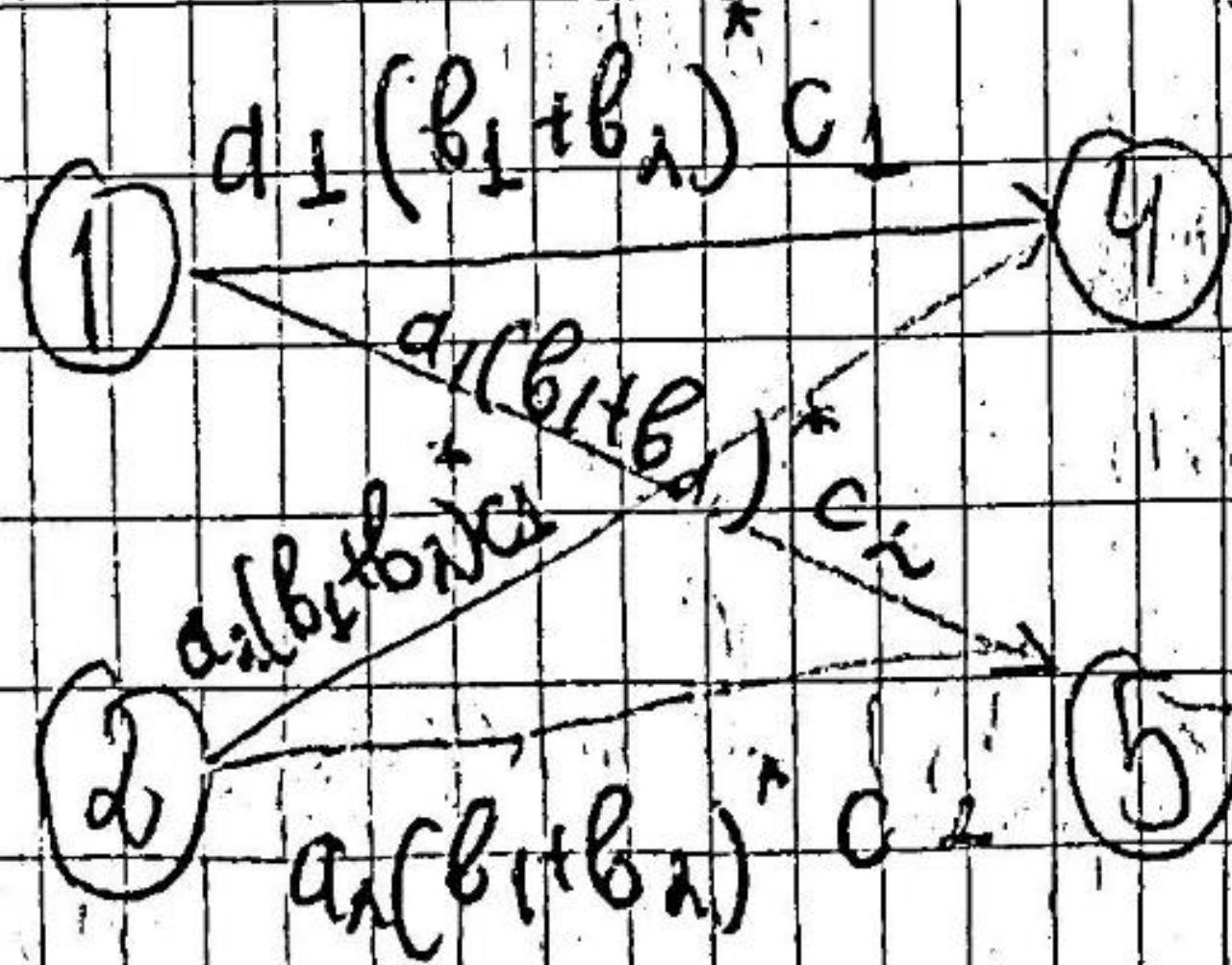
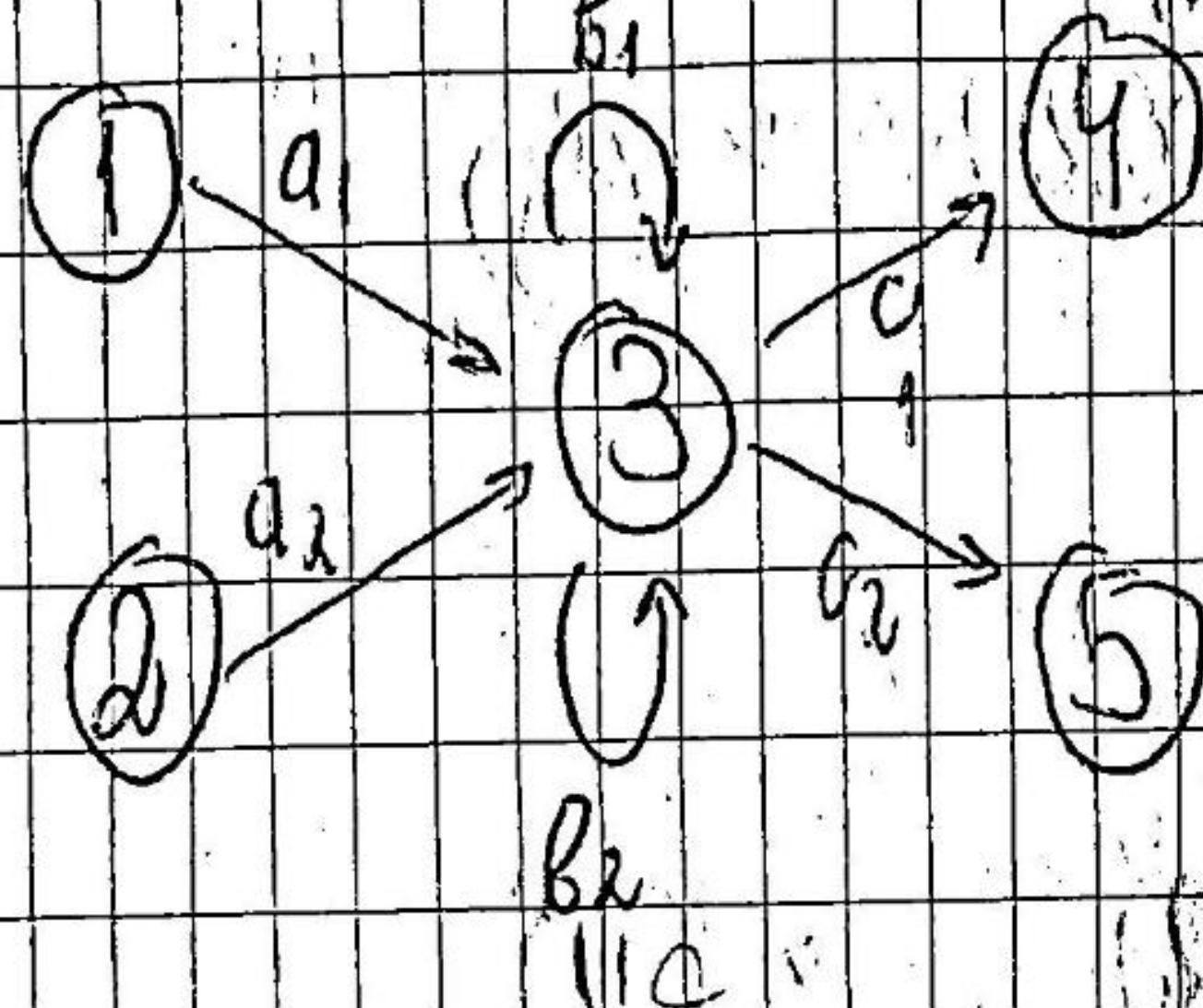
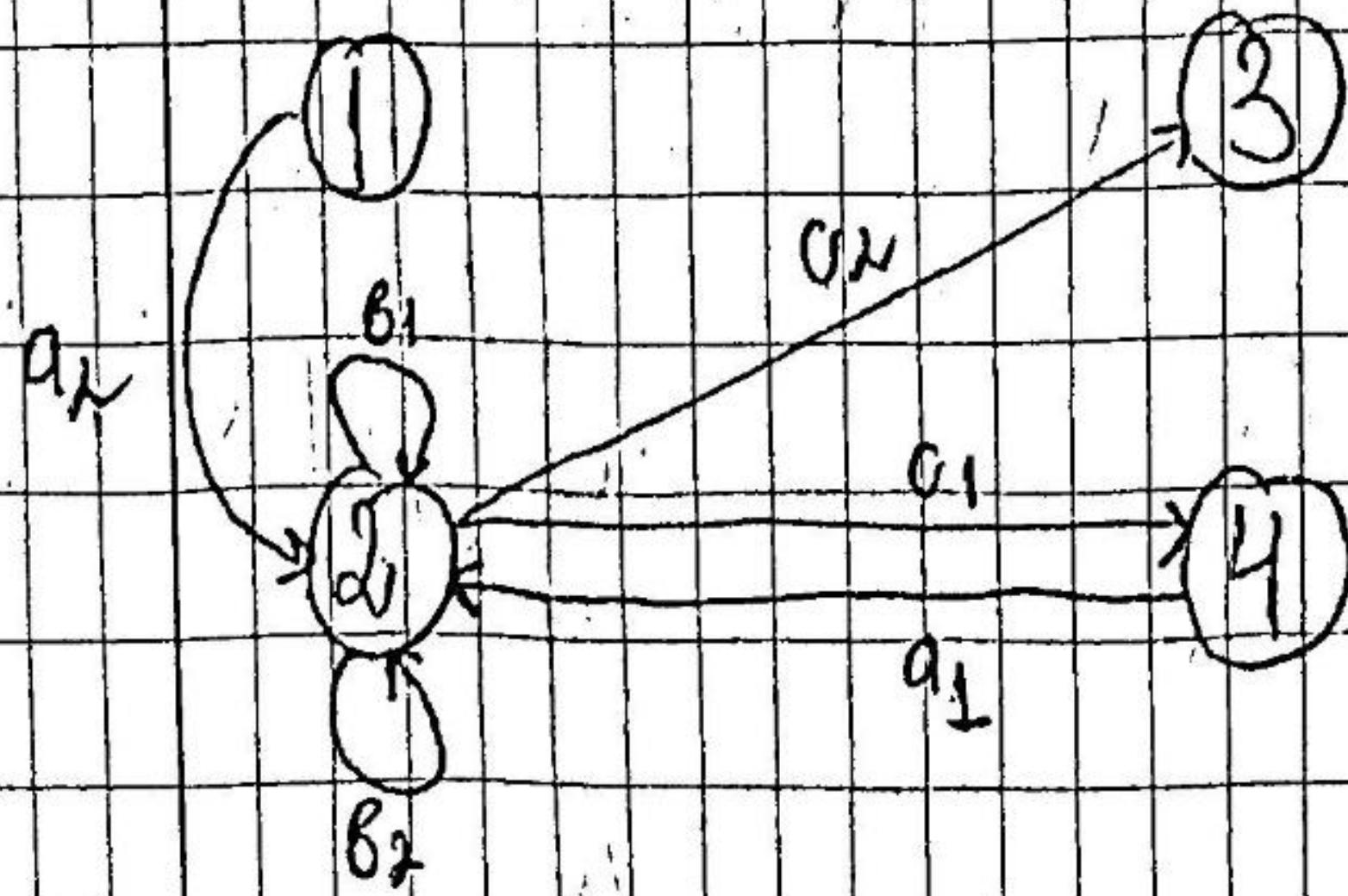


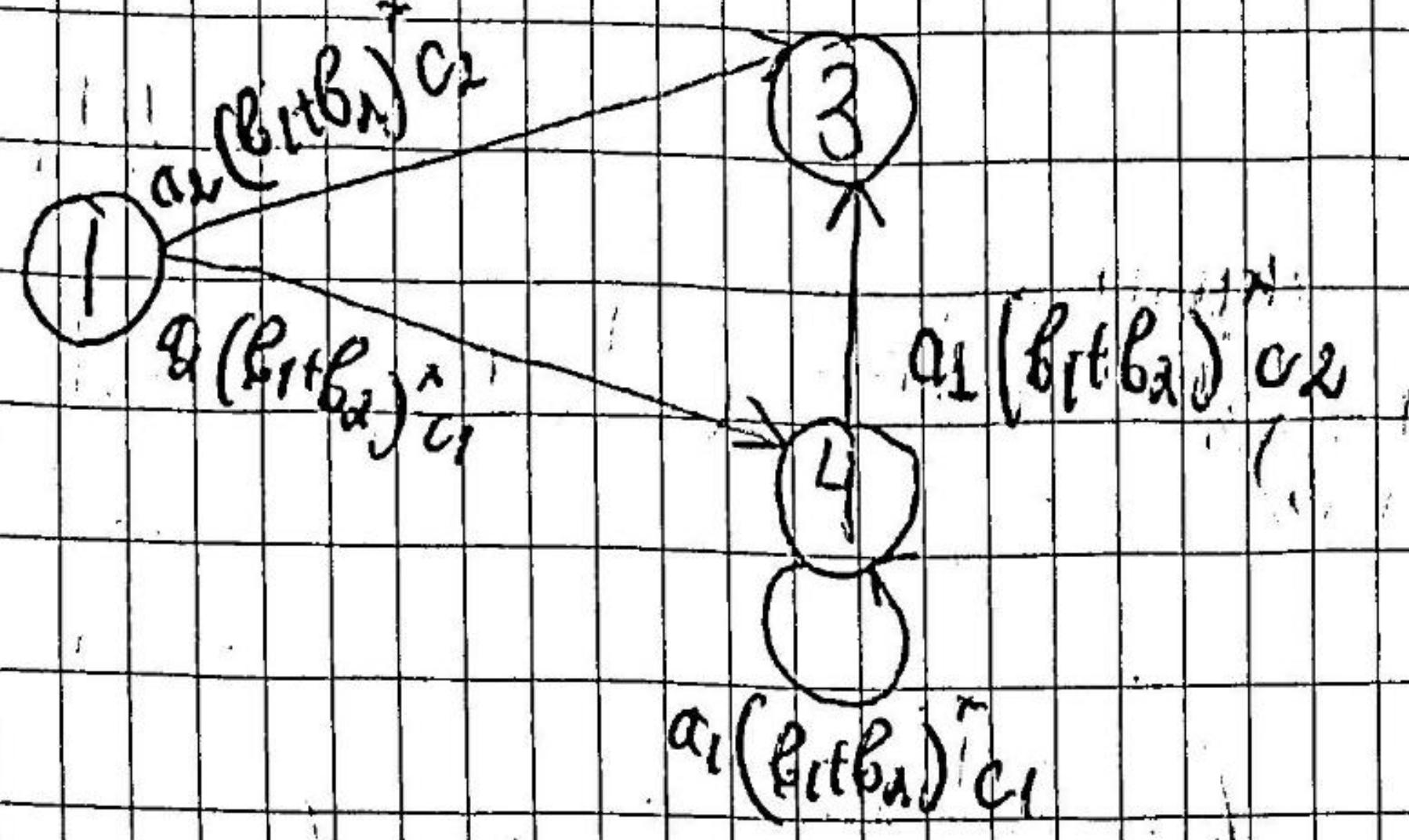
# Магнитобуд зг. компактно

заг 1. Да се премахне брзоч 3

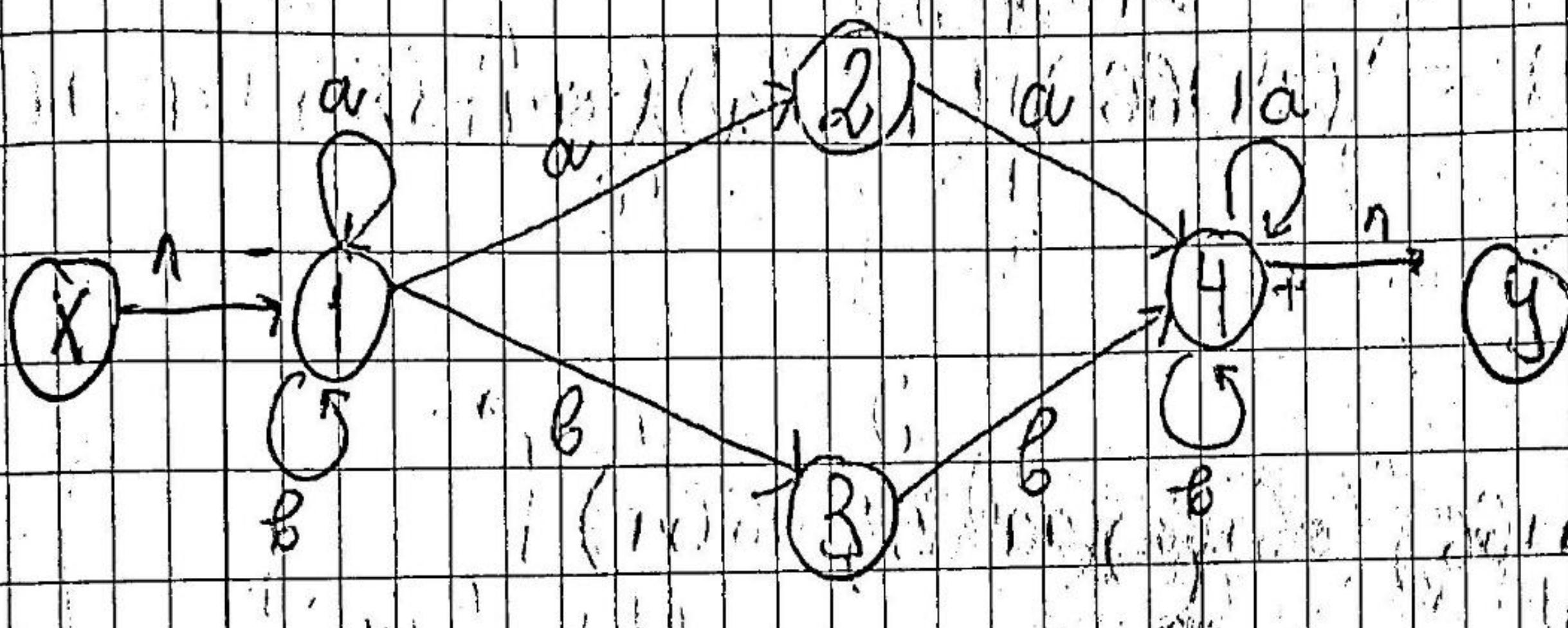


заг 2 да се премахне брзоч 2

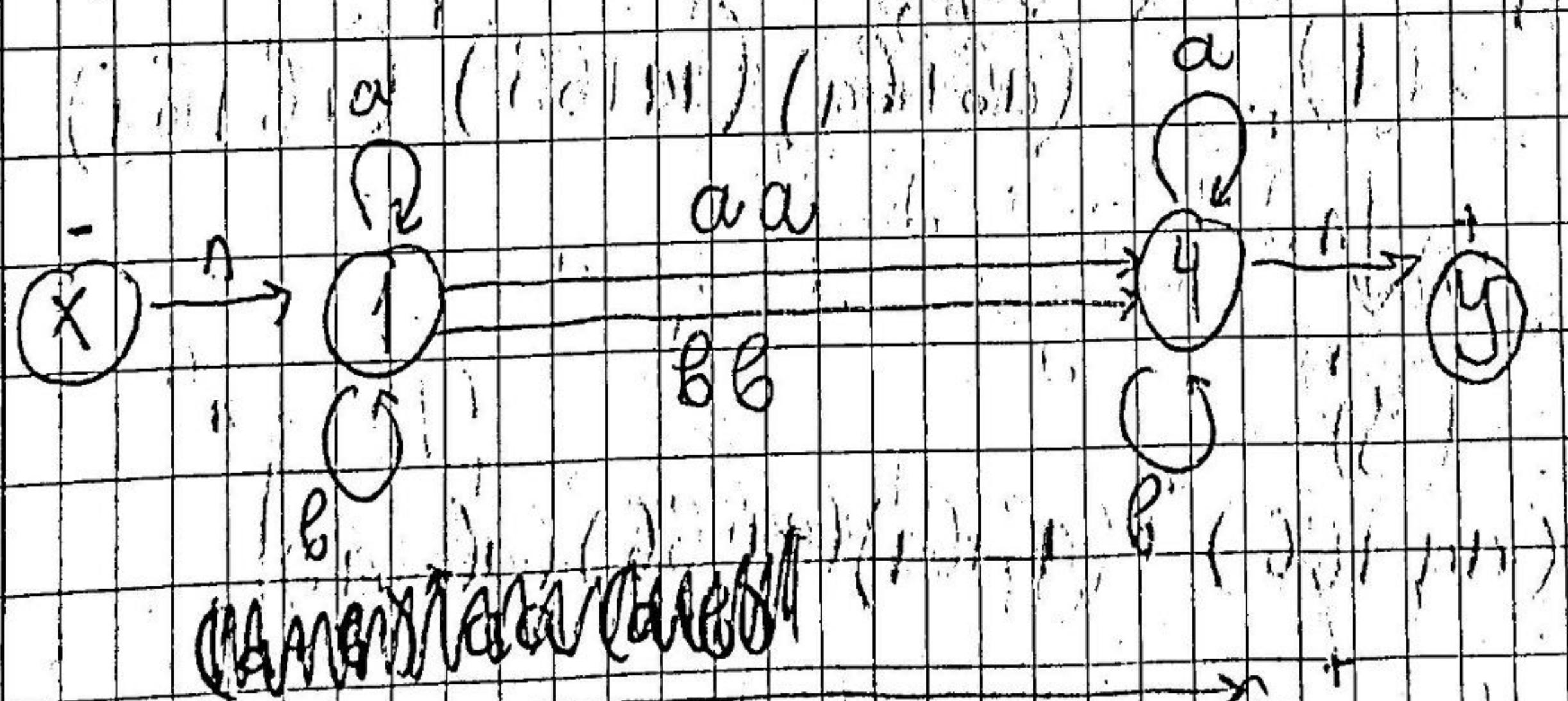




zag 3, 025



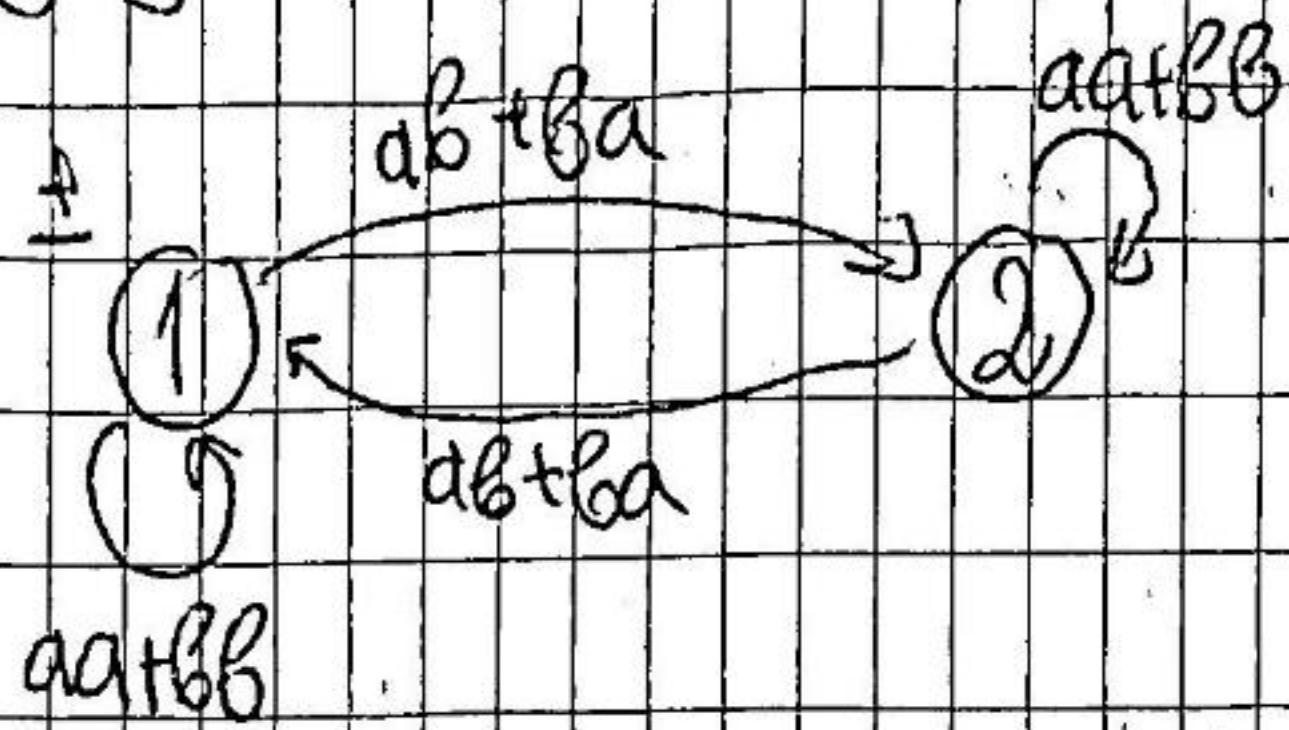
Macave ha boc 2 u 3



(a+b)(aa+b6)(a+b)

(Y)

заг 4 02 3U



Операторите на база 2 → Модел-димедрия приема

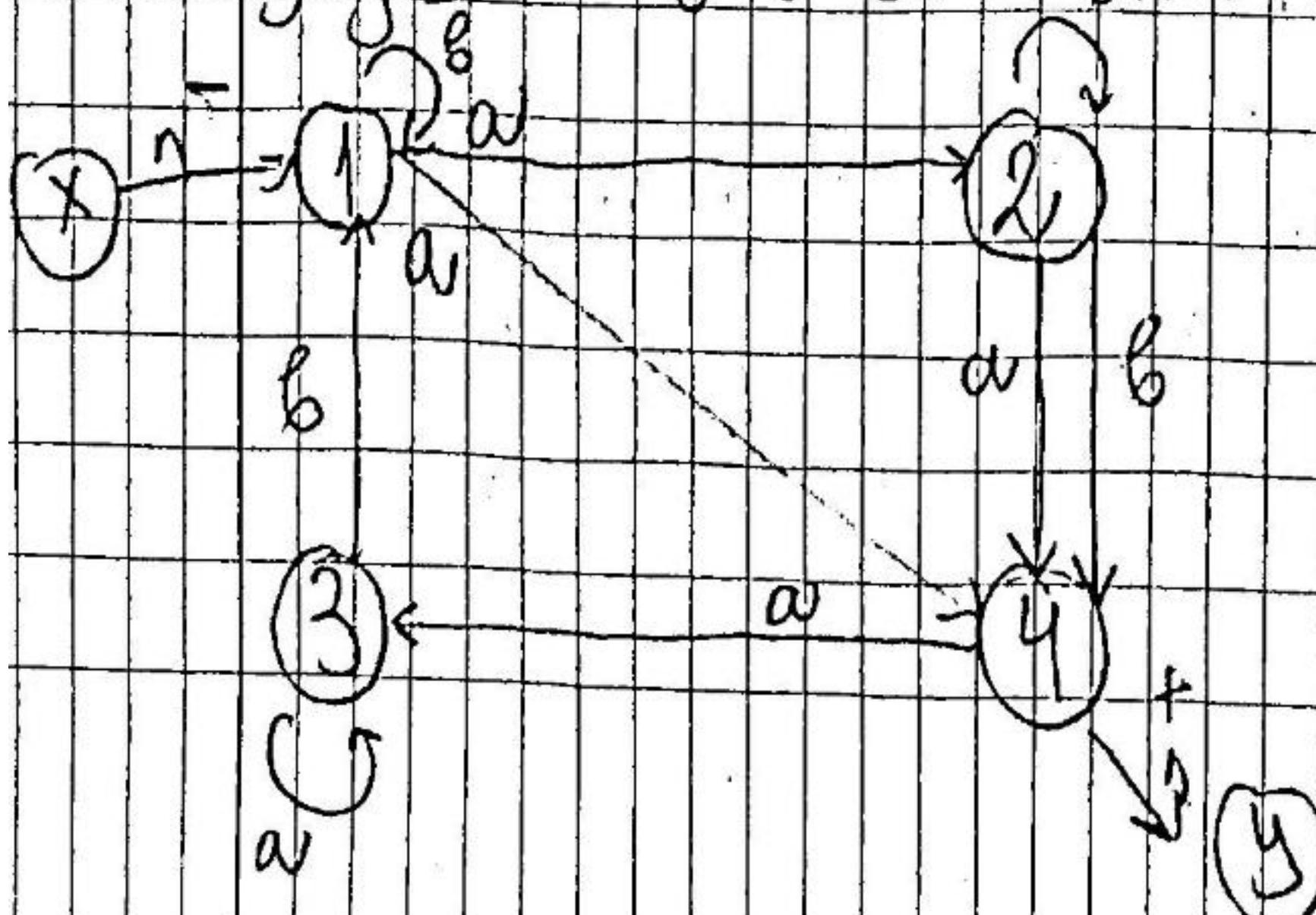
$$-X \rightarrow (1) (aa+BB) | (ab+ba) (aa+BB) (ab+ba)$$

$$\left( -X \rightarrow (aa+BB) (ab+ba) (aa+BB) (ab+ba) \right) \rightarrow (4)$$

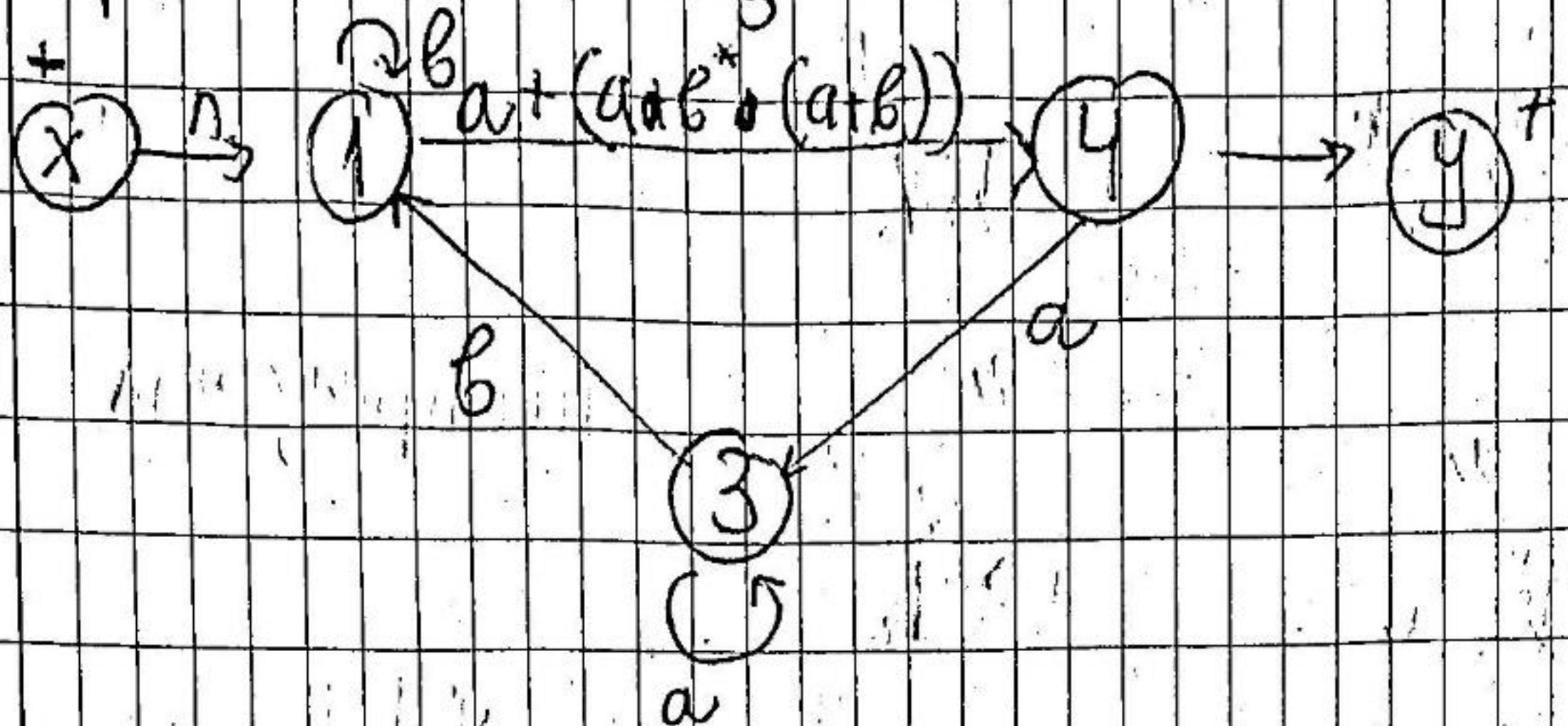
$$-X \rightarrow (1) (ab+ba) (aa+BB) (ab+ba)$$

$$-X \rightarrow (1) \left[ (aa+BB) + (ab+ba) (aa+BB) (ab+ba) \right] \rightarrow (4)$$

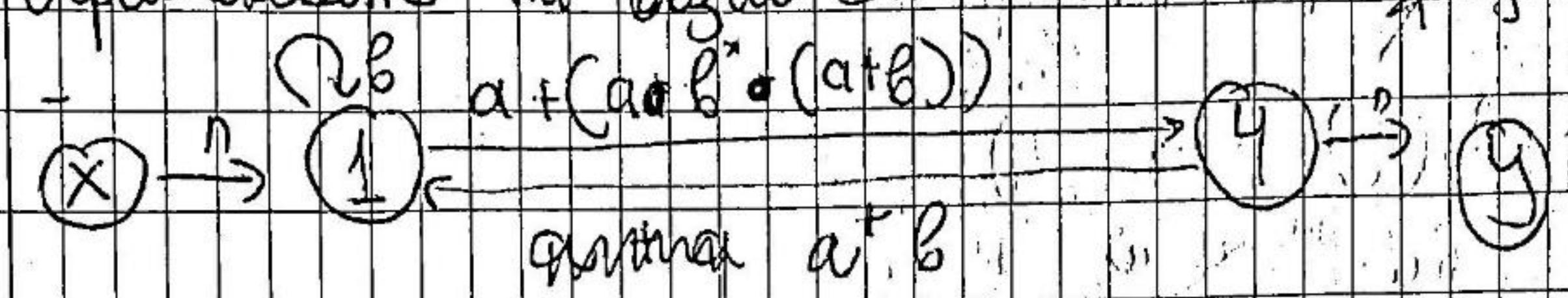
заг 5 02 3U



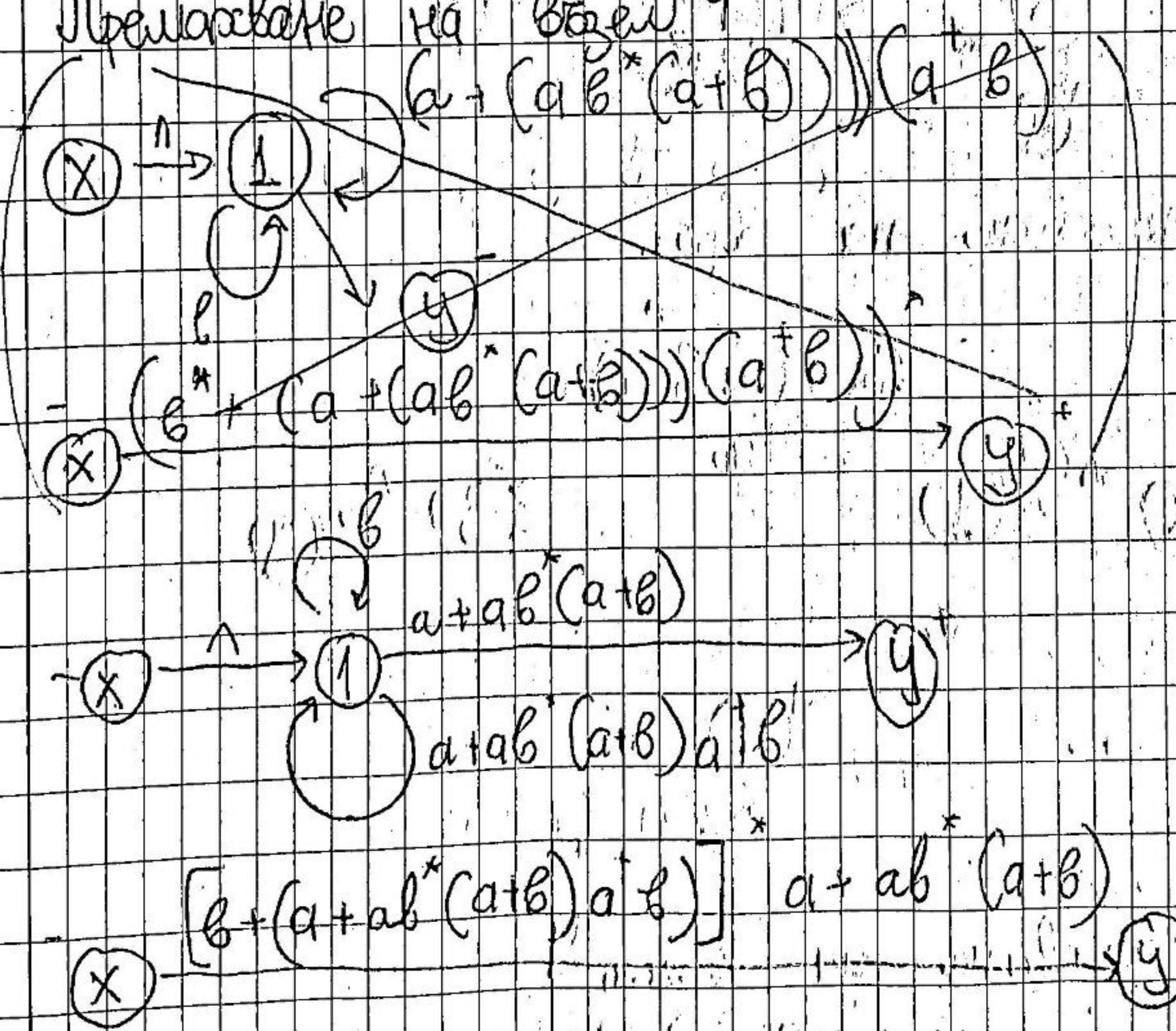
Использование базиса 2



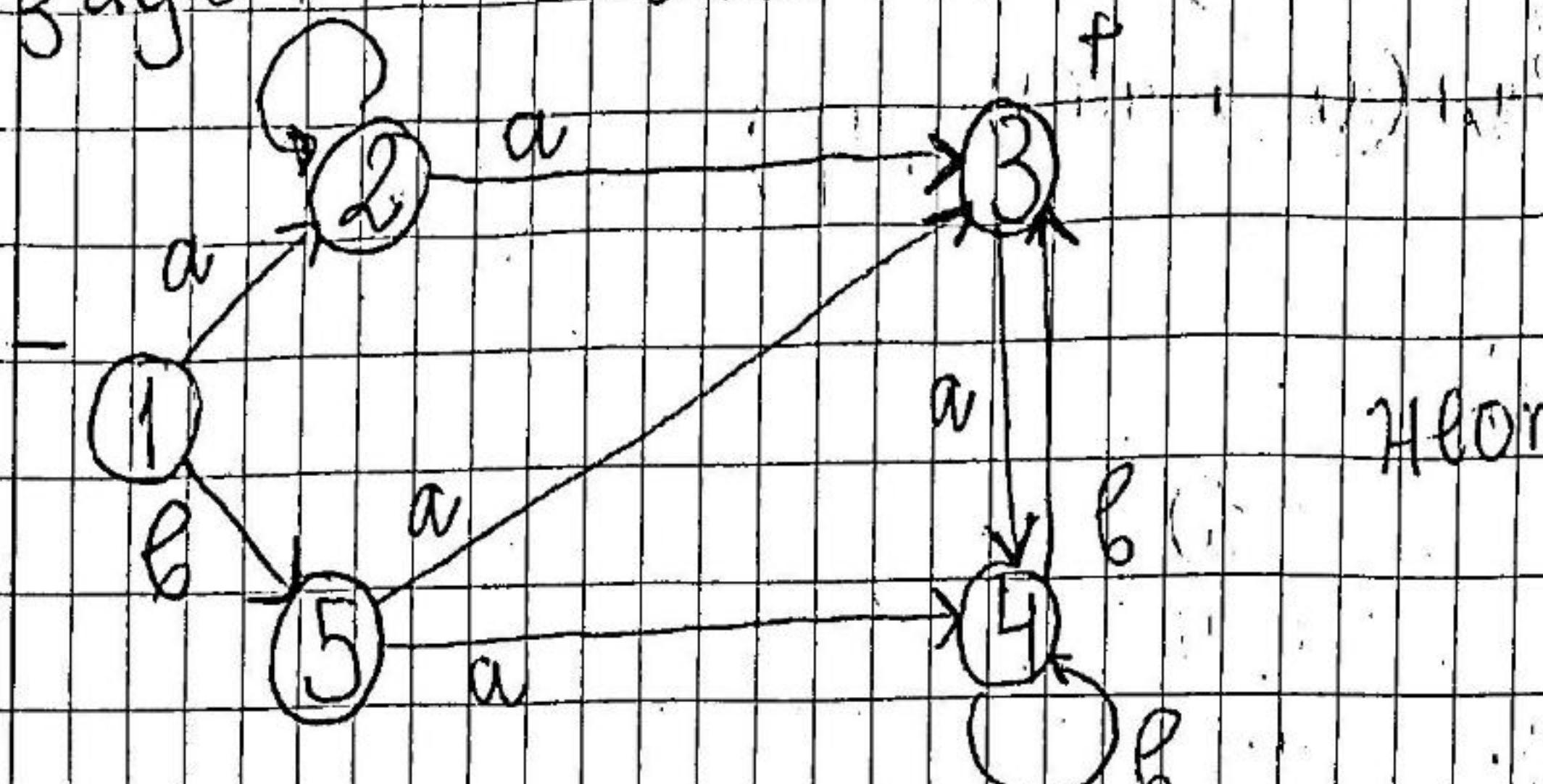
Использование на базисе 3



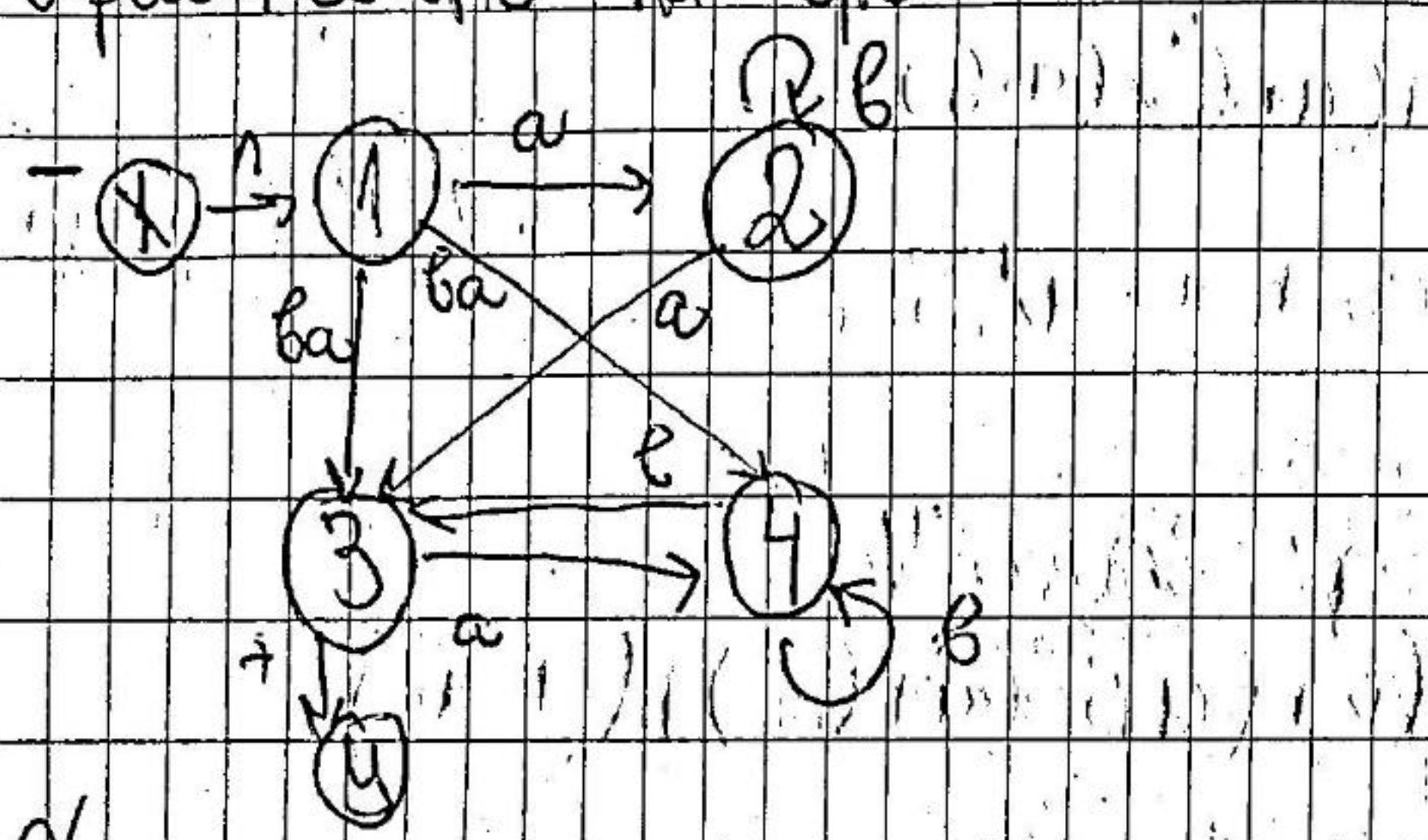
Использование на базисе 4



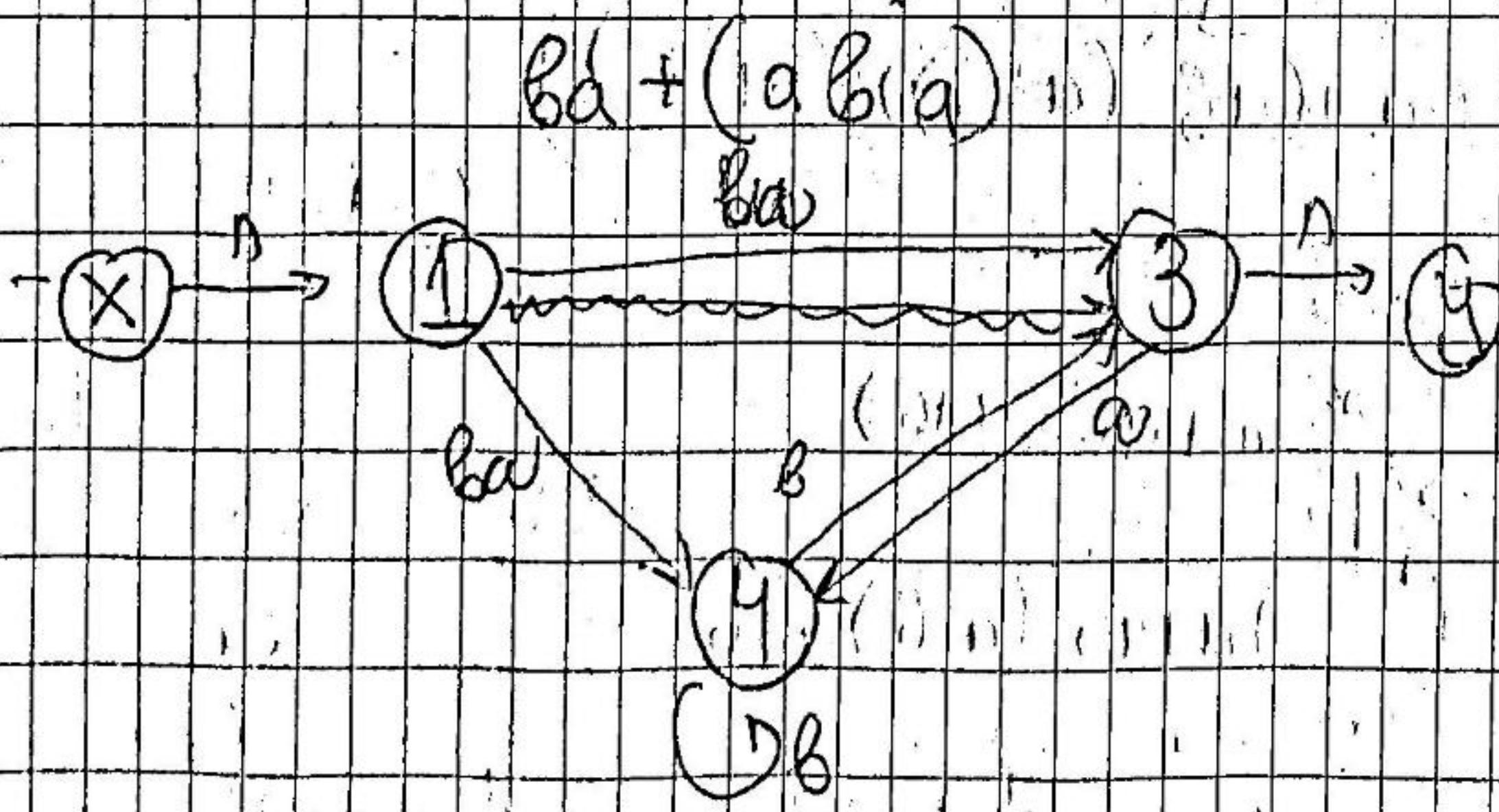
Задача 0291



Преобразование на блок 5

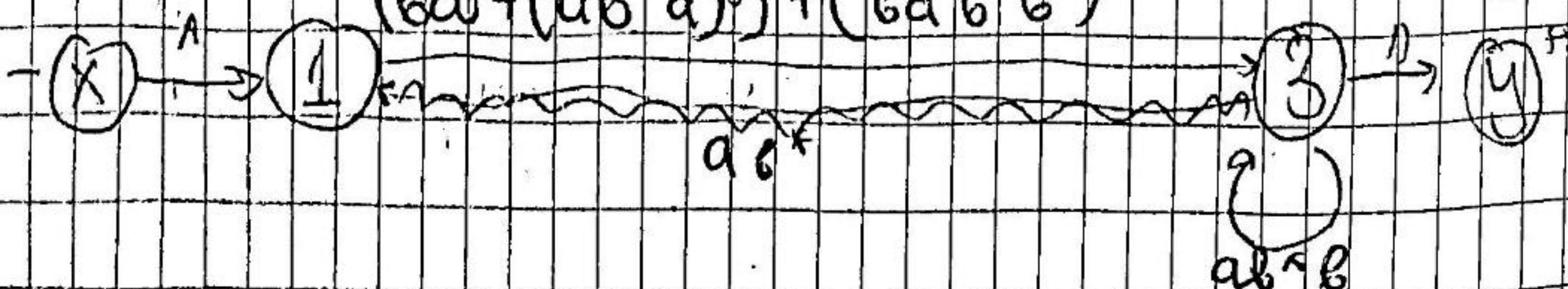


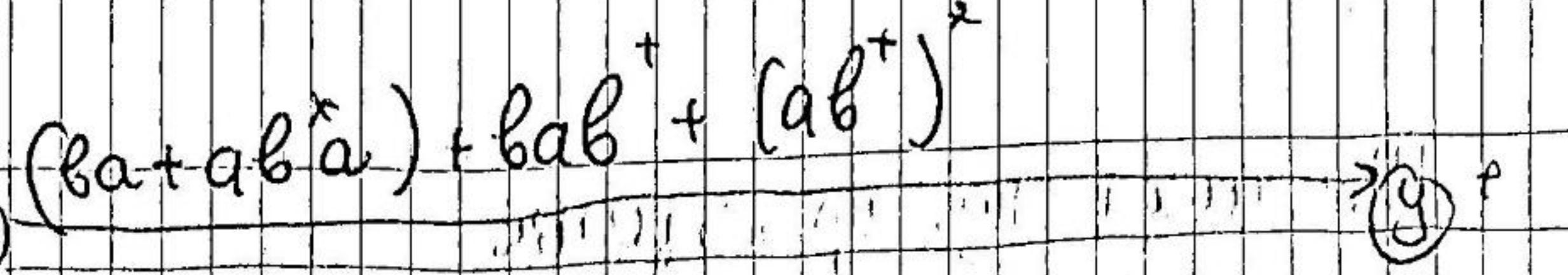
Преобразование на блок 2



Преобразование на блоки

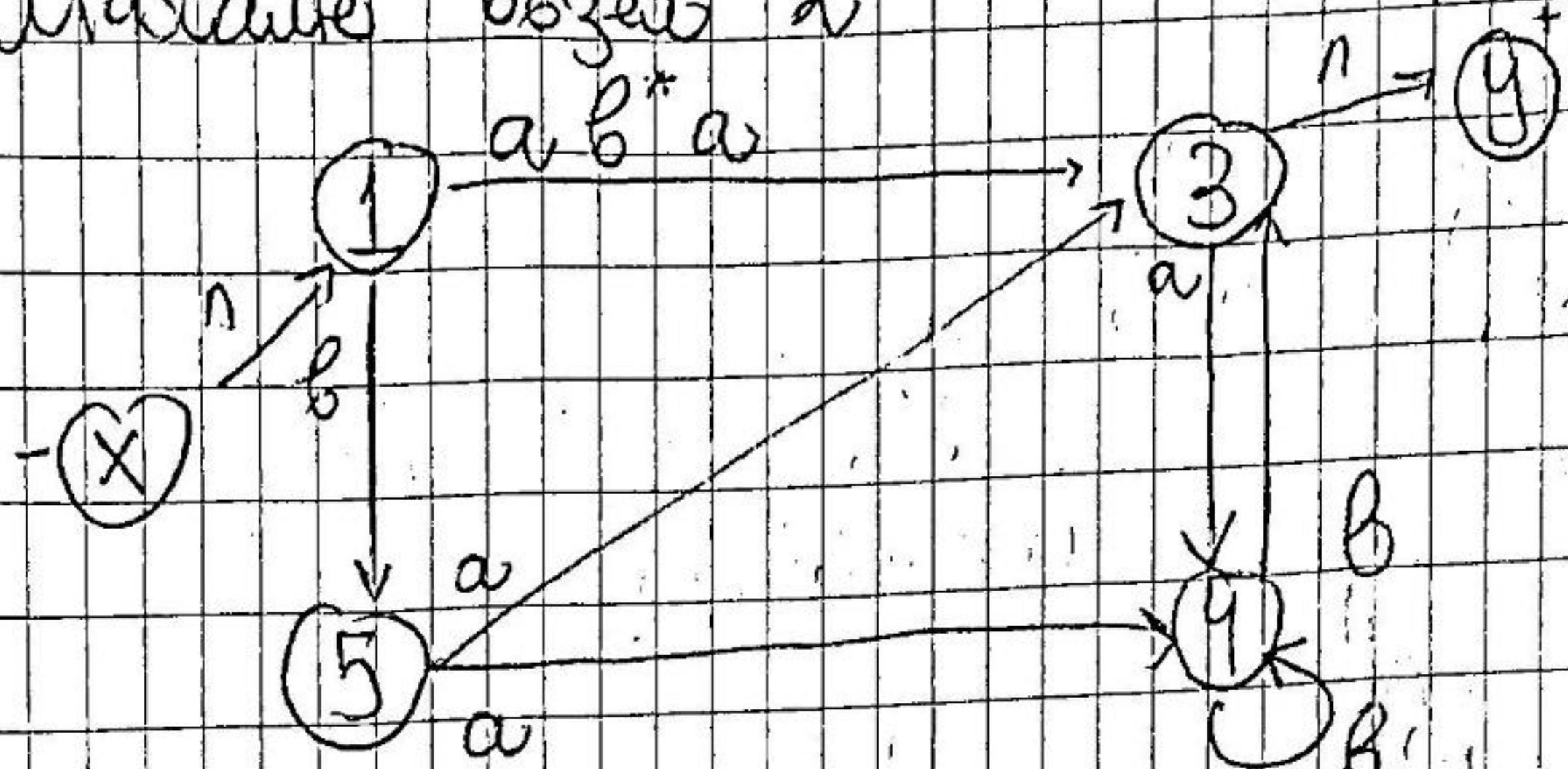
$$(Ba + (ab^*a)) + (Ba b^*B)$$



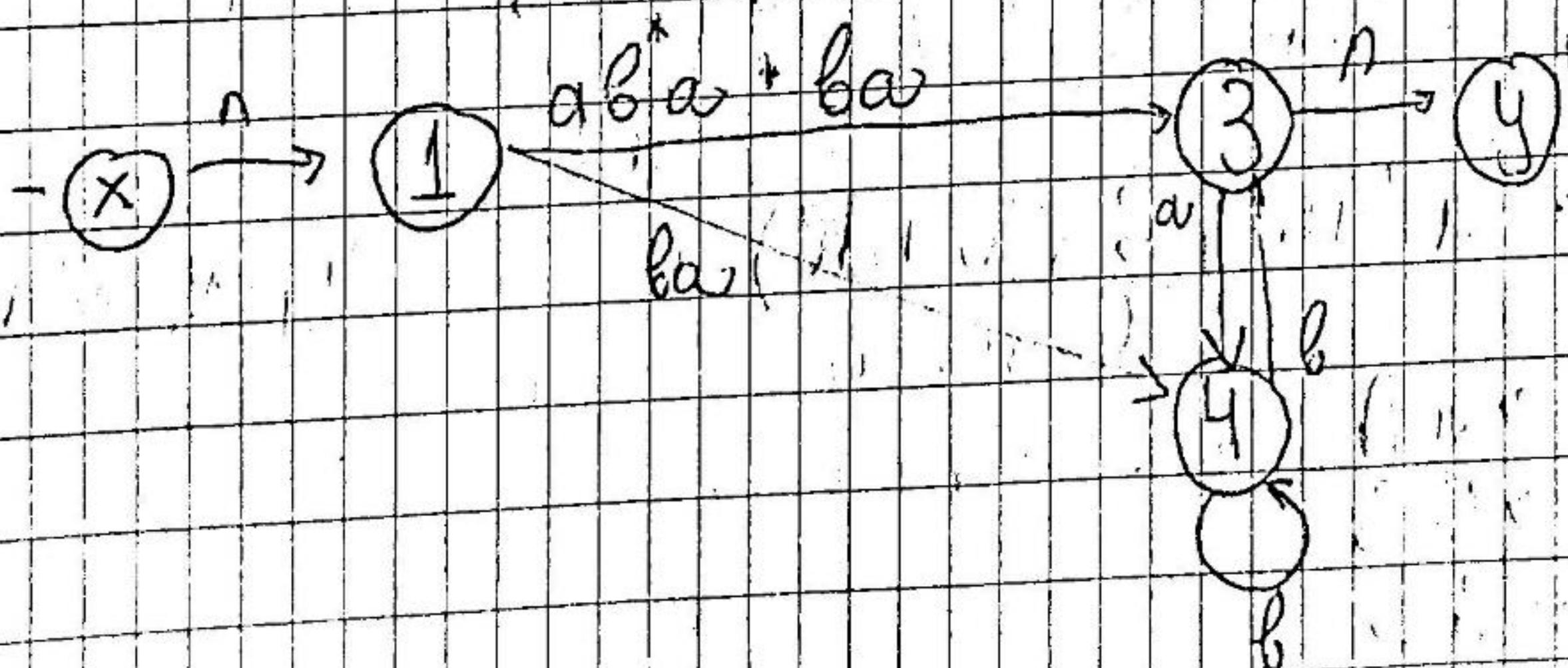


zgg G

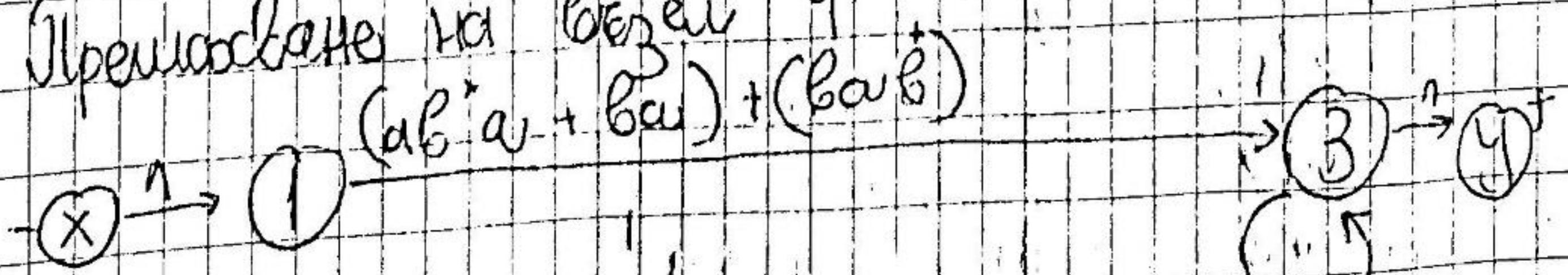
Maschine Bozner 2



Übermaschine Ha Bozner 5



Übermaschine Ha Bozner 4

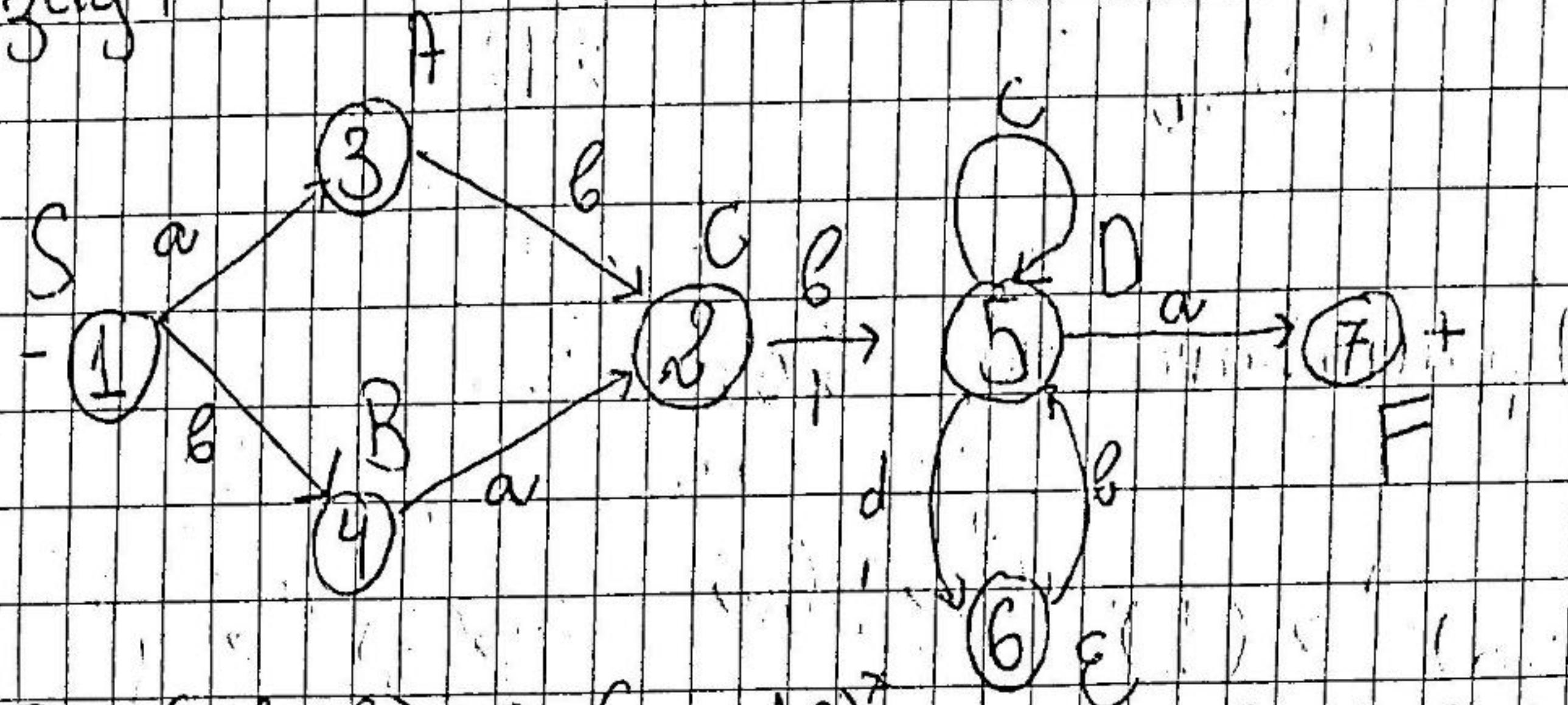


$$R = ((ab^*a + ba^*) + (bab^+)) (ab^+)$$

Многиму ма упсогуме

$$\begin{array}{lll}
 \{1\} & \{2\} & \{5\} \\
 \{2\} & \{3\} & \{2\} \\
 \{5\} & \{3, 4\} & \{0\} \\
 \{3\} & \{4\} & \{-\} \\
 \{3, 4\} & \{4\} & \{3\} \\
 \{4\} & \{0\} & \{4, 3\}
 \end{array}$$

заг?



$$R = (ab + ba) \cdot (c + de) \cdot ai \quad \text{Омагнен}$$

$$S \rightarrow aA$$

$$S \rightarrow bB$$

$$A \rightarrow bC$$

$$B \rightarrow aC$$

$$C \rightarrow bD$$

$$D \rightarrow cD$$

$$D \rightarrow dE$$

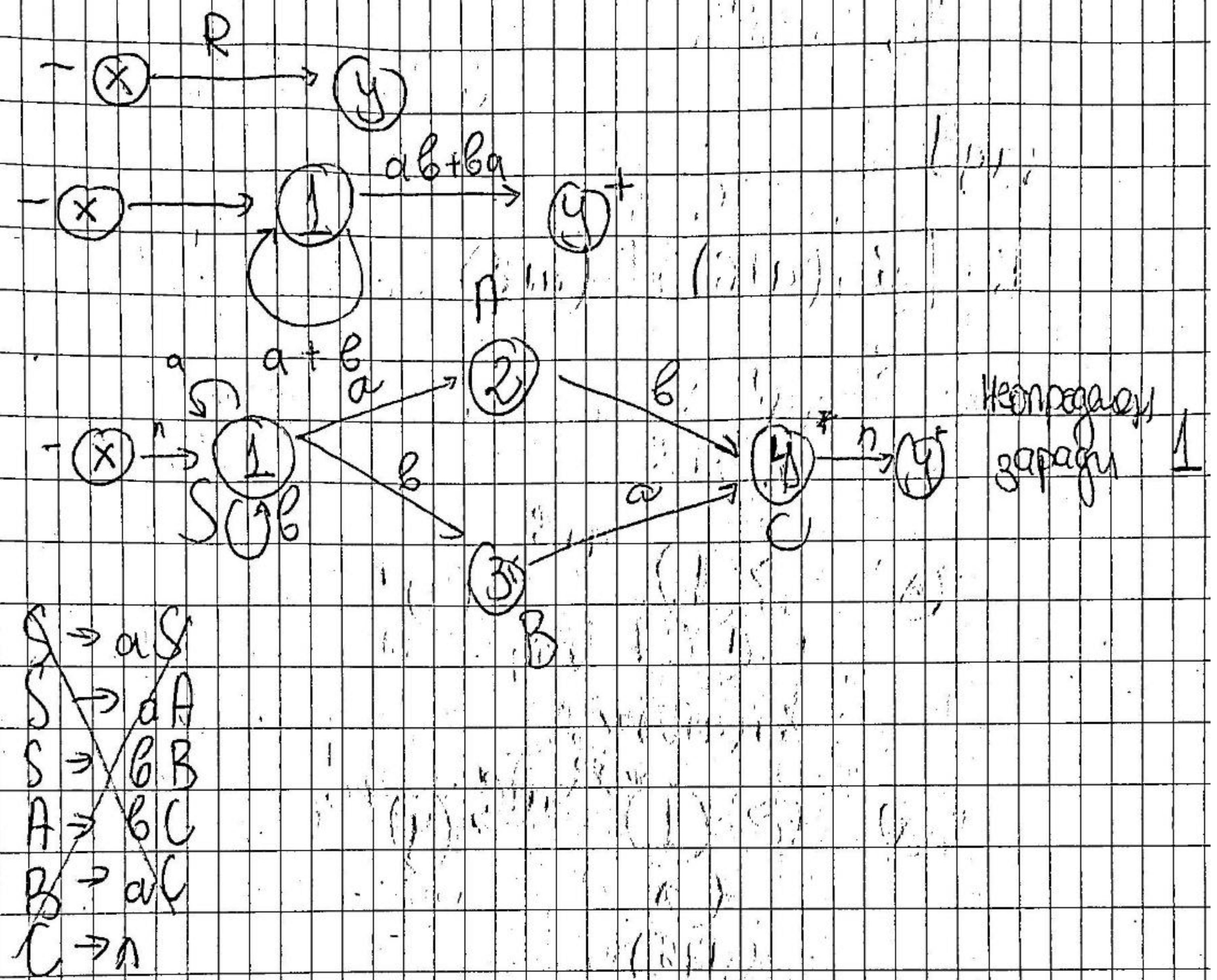
$$E \rightarrow bD$$

$$D \rightarrow cuF$$

$$F \rightarrow n \quad \text{изогуму бозар}$$

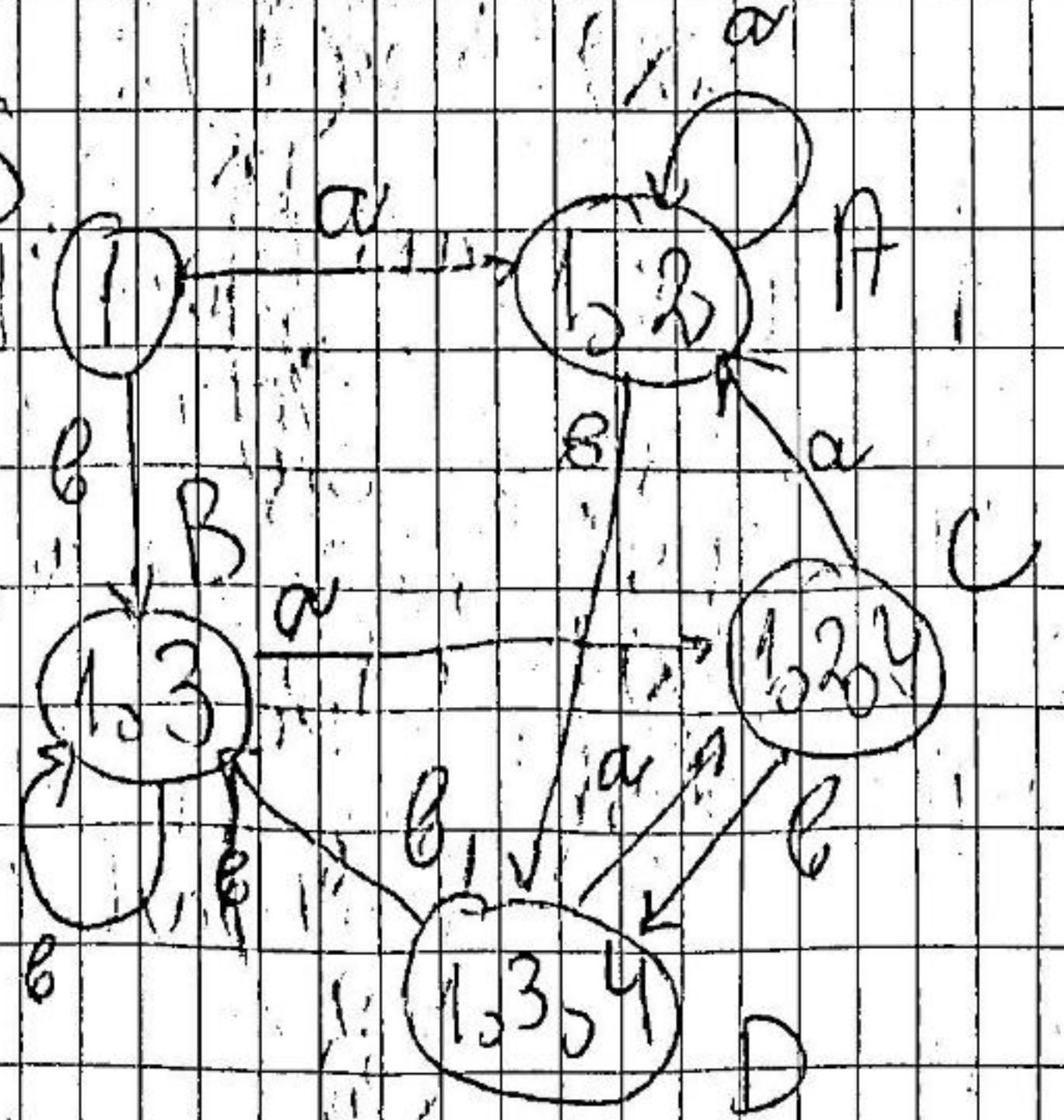
3998

$$R = (a + b)^* (ab + ba)$$



# Глава на пресоглави

$\{1, 3\}$	$\{1, 2, 3\}$	$\{1, 3, 4\}$
$\{1, 2, 3\}$	$\{1, 2, 3\}$	$\{1, 3, 4\}$
$\{1, 3, 4\}$	$\{1, 2, 4\}$	$\{1, 3, 4\}$
$\{1, 2, 4\}$	$\{1, 2, 3\}$	$\{1, 3, 4\}$
$\{1, 2, 1\}$	$\{1, 2, 3\}$	$\{1, 3, 4\}$
$\{1, 2, 1\}$	$\{1, 2, 3\}$	$\{1, 3, 4\}$
$\{1, 2, 1\}$	$\{1, 2, 3\}$	$\{1, 3, 4\}$
$\{1, 2, 1\}$	$\{1, 2, 3\}$	$\{1, 3, 4\}$



$$\begin{array}{ll} S \xrightarrow{\alpha} A & B \xrightarrow{\beta} B \\ S \xrightarrow{\gamma} B & B \xrightarrow{\delta} C \end{array}$$

$\bar{A} \rightarrow c\bar{A}$     $\bar{B} \rightarrow b\bar{B}$     $C \rightarrow a\bar{A}$     $C \rightarrow b\bar{B}$     $D \rightarrow b\bar{B}$     $D \rightarrow a\bar{C}$

D-2n C-2n

$$\Sigma = \{a, b\}$$

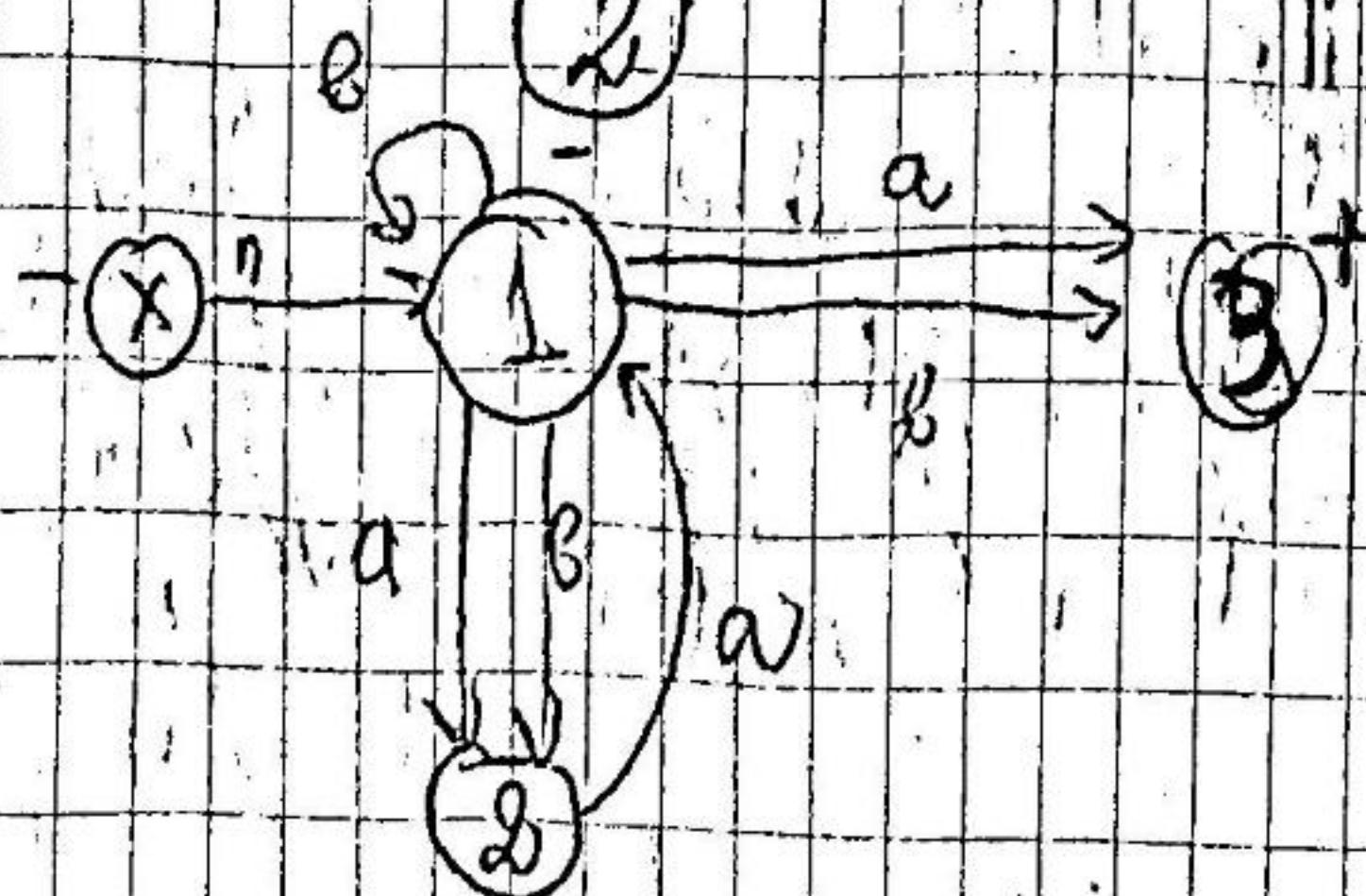
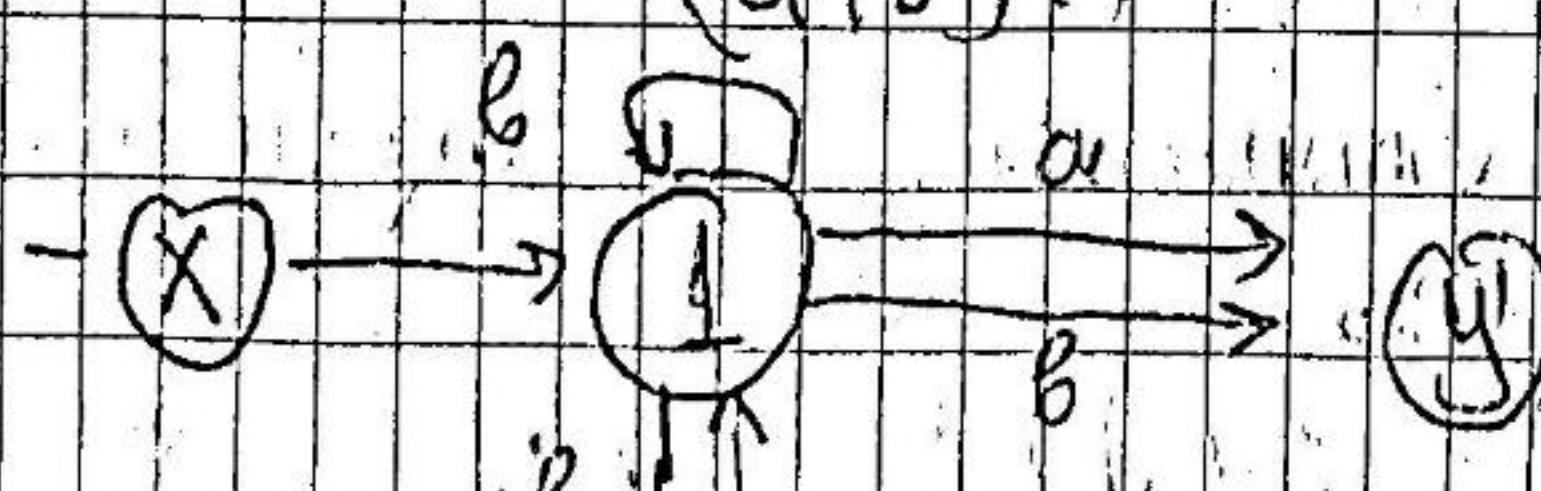
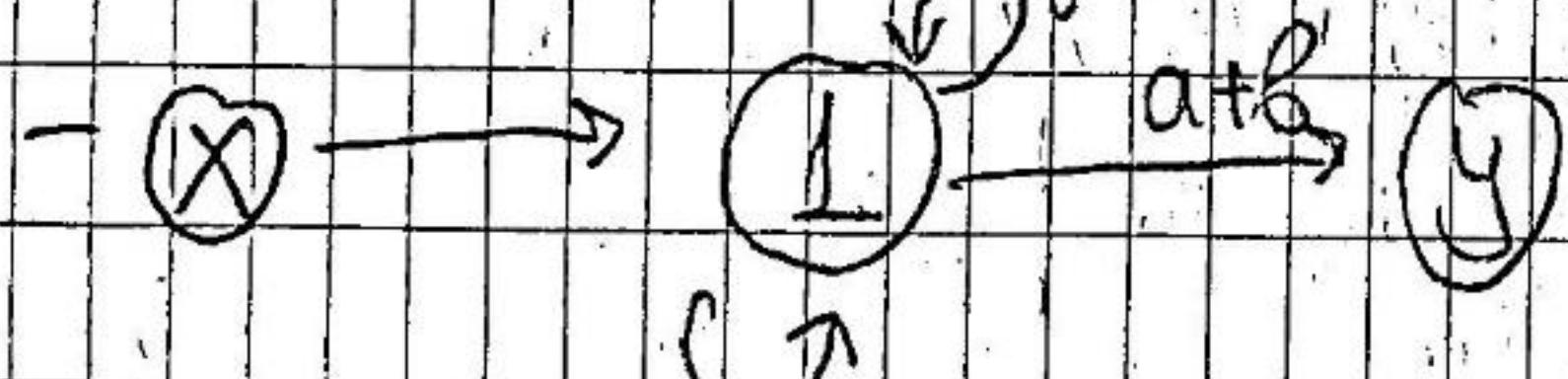
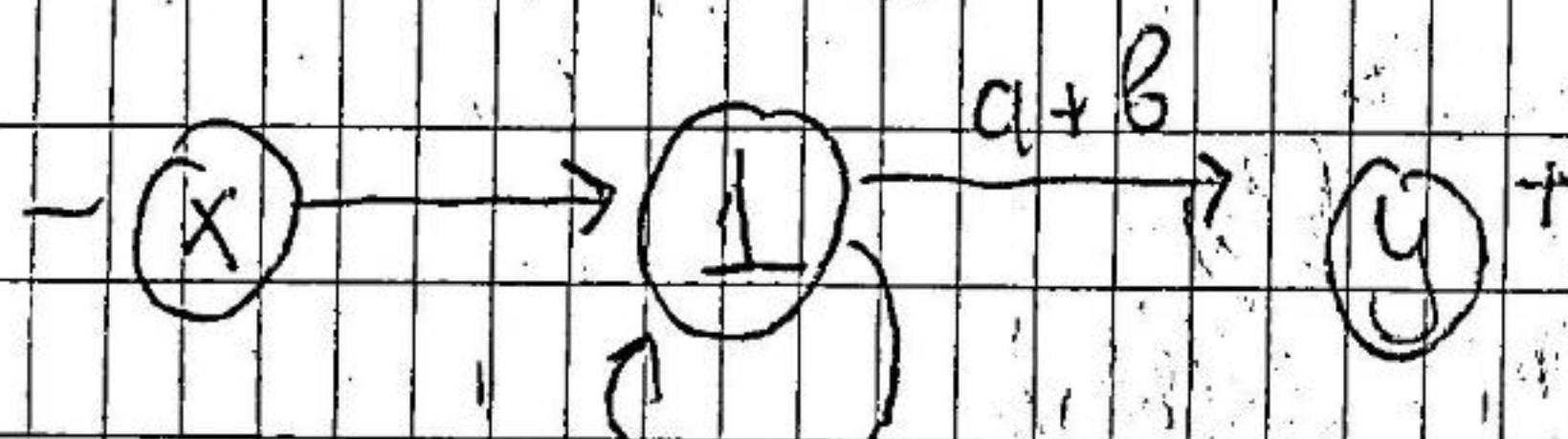
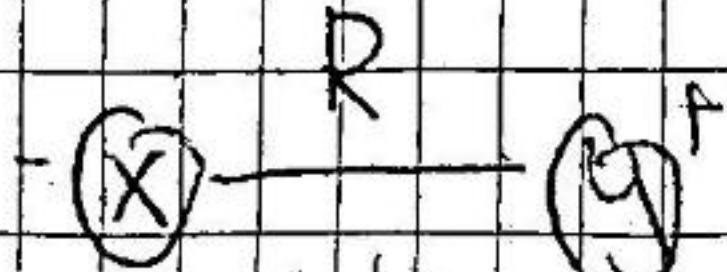
$$N = \{S, A, B, C, D\}$$

$$P = \{P_i = p_i | i = 1 \rightarrow 12\}$$

$$G = \{S, Z, N, P\}$$

заг9

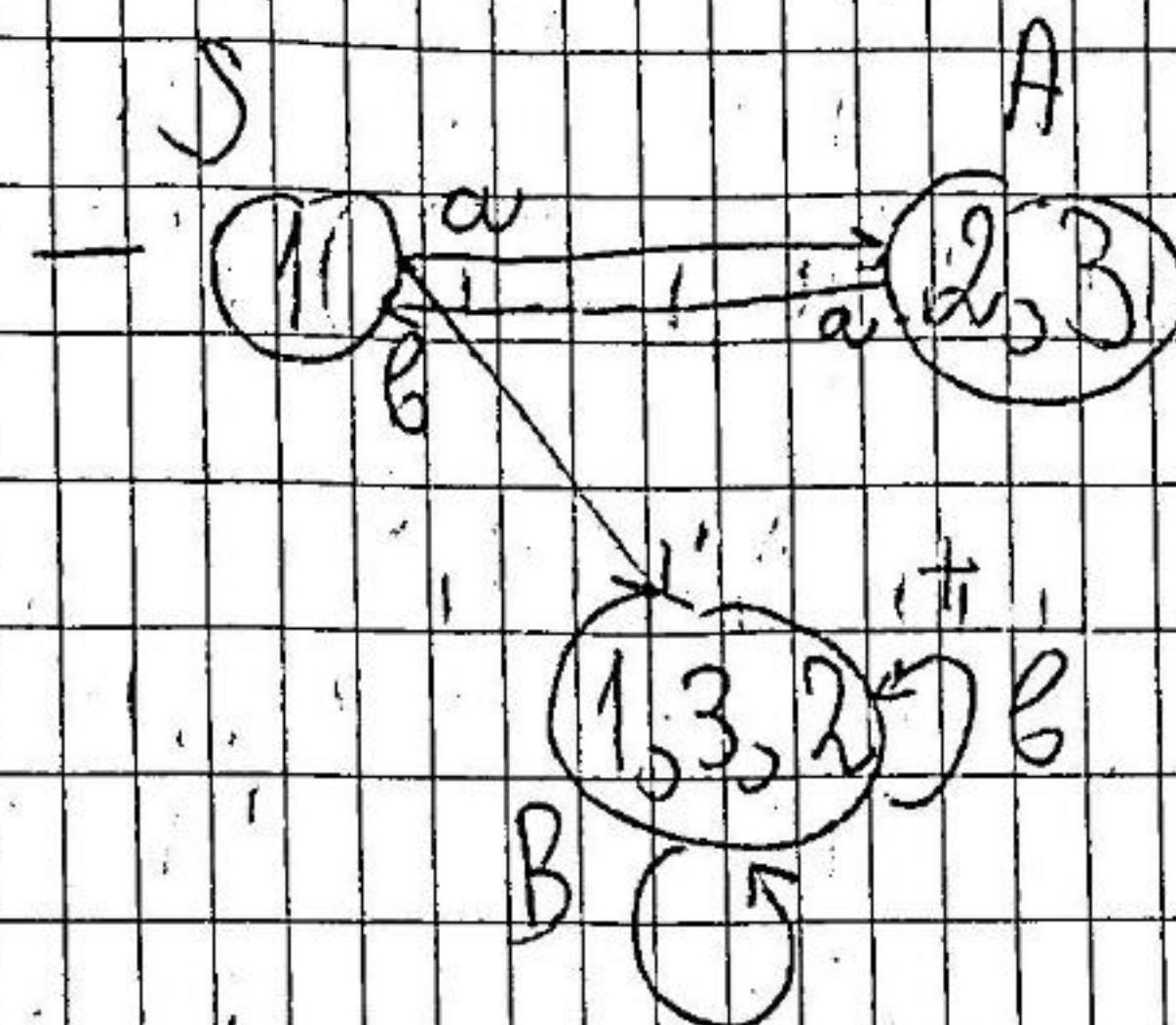
$$R = [b + (a+b)a] (a+b)$$



Непредсказуемо  
безумие

Математика

$$\begin{array}{c} \{a, b\} \\ \{\{1\}, \{2, 3\}\} \quad \{\{1, 3\}, 2\} \\ \{\{2, 3\}, \{1\}\} \quad \{\emptyset, 5\} \\ \{\{1, 3\}, \{2\}\} \quad \{\{2, 3\}, \{1, 3, 2\}\} \end{array}$$

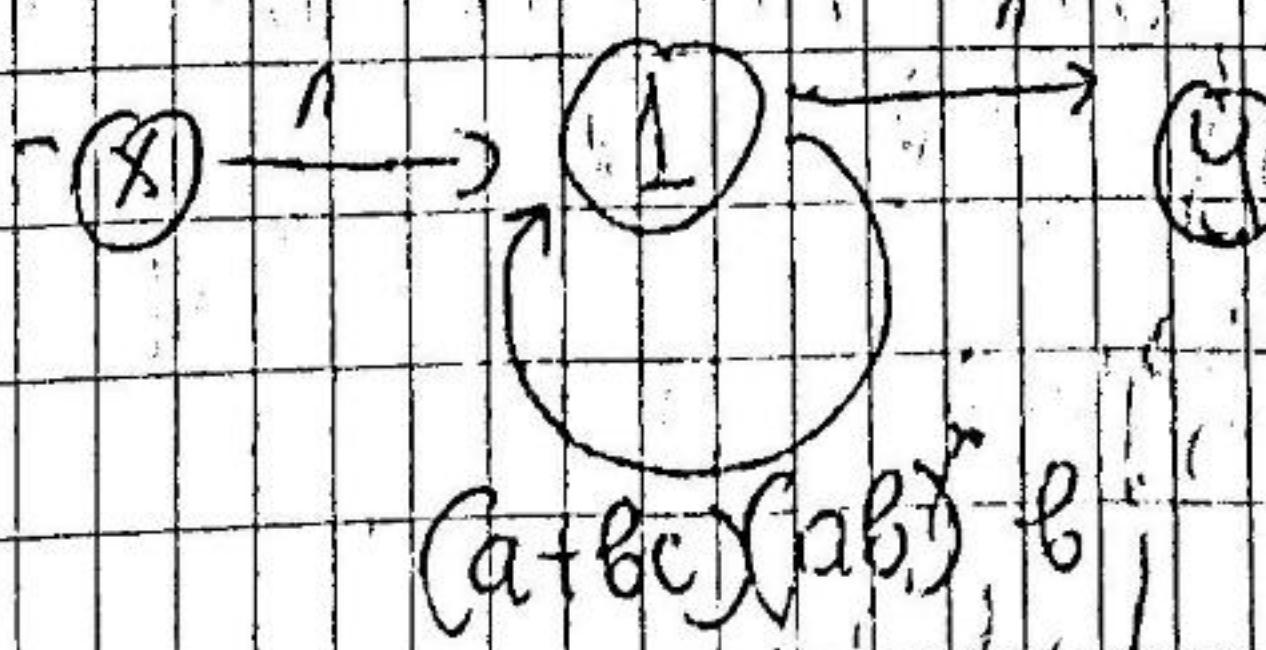


$$\begin{aligned} \Sigma_F &= \{a, b\} \\ N &= \{S, A, B\} \\ P &= \{P_i\}_{i=1}^7 \\ G &= \{S, \Sigma_F, N, P\} \end{aligned}$$

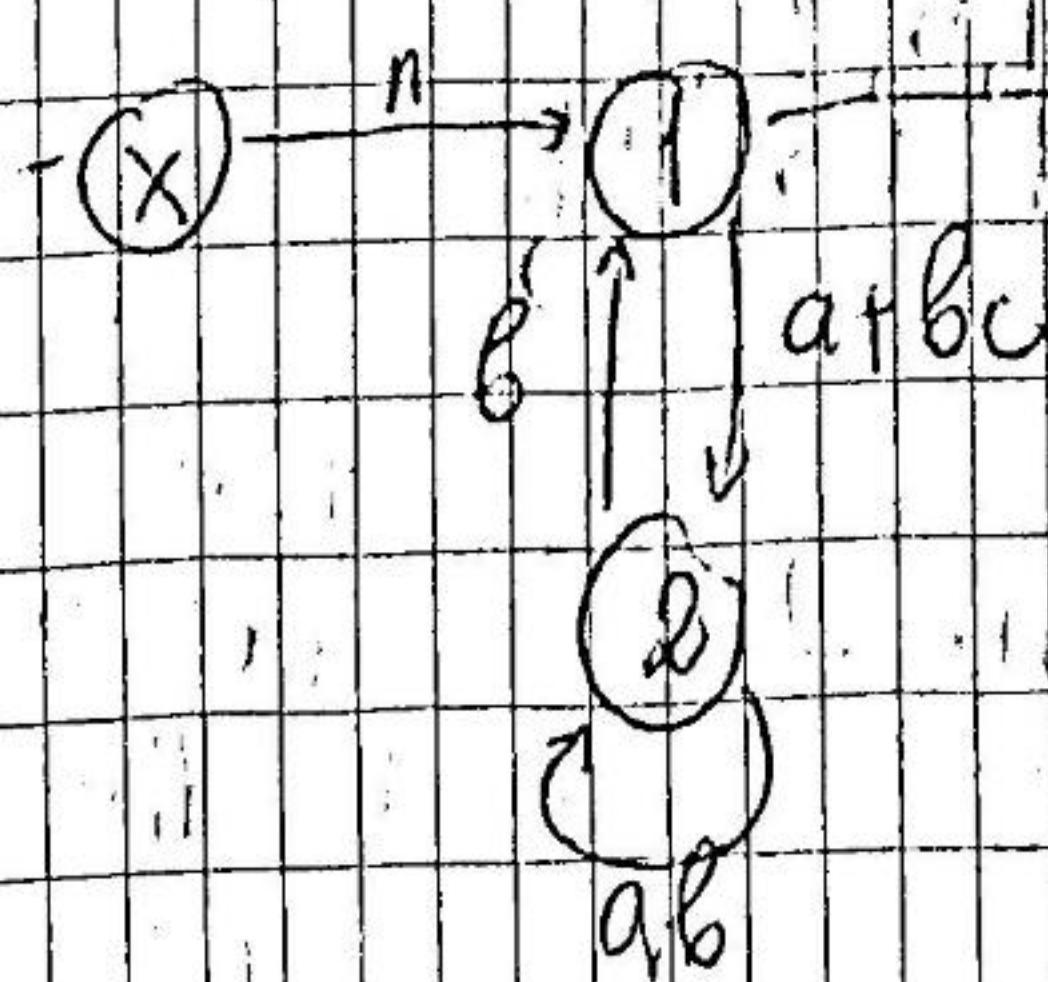
$$\begin{array}{ll} S \Rightarrow aA & A \Rightarrow aS \\ S \Rightarrow bB & B \Rightarrow BB \\ & B \Rightarrow bB \end{array}$$

заг 10

$$R = [(a+bc)(ab)]^*$$

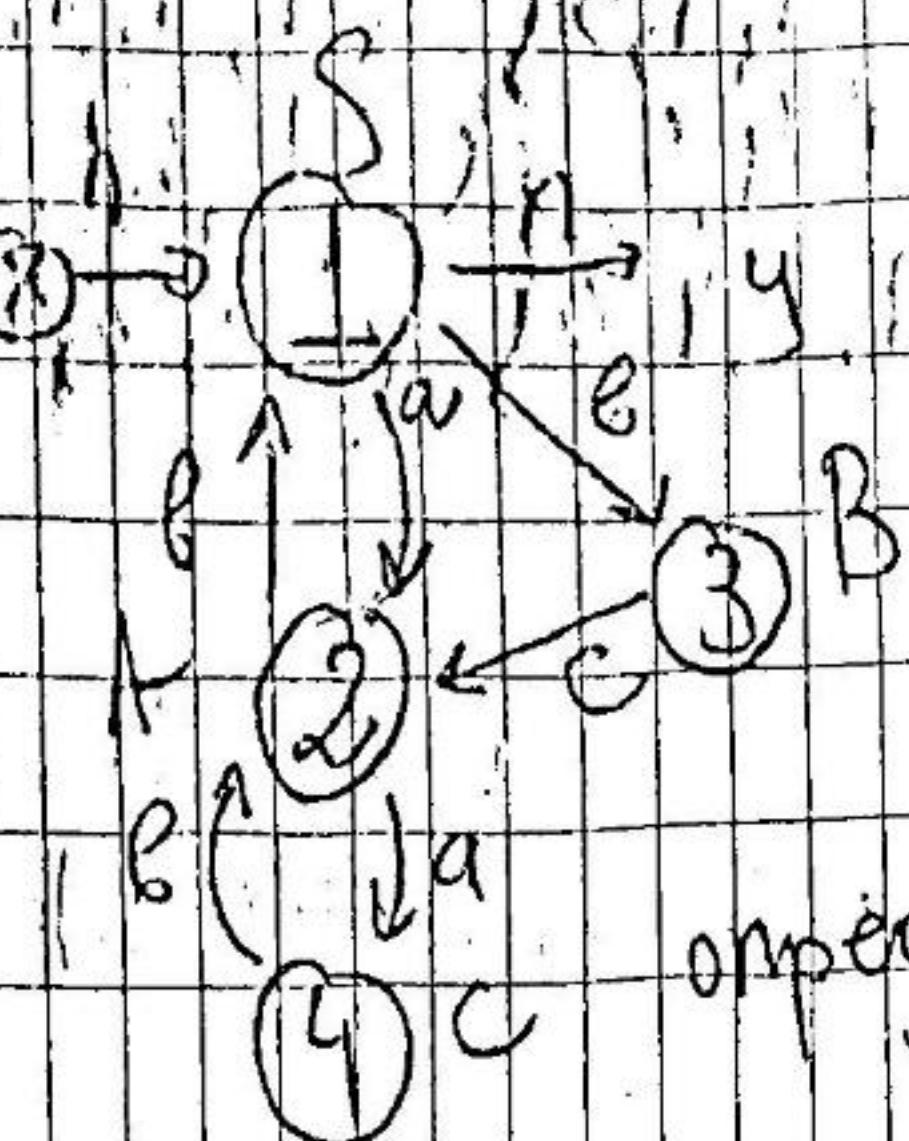


$$(a+bc)(ab)^*$$



$$ab$$

$$a+bc$$



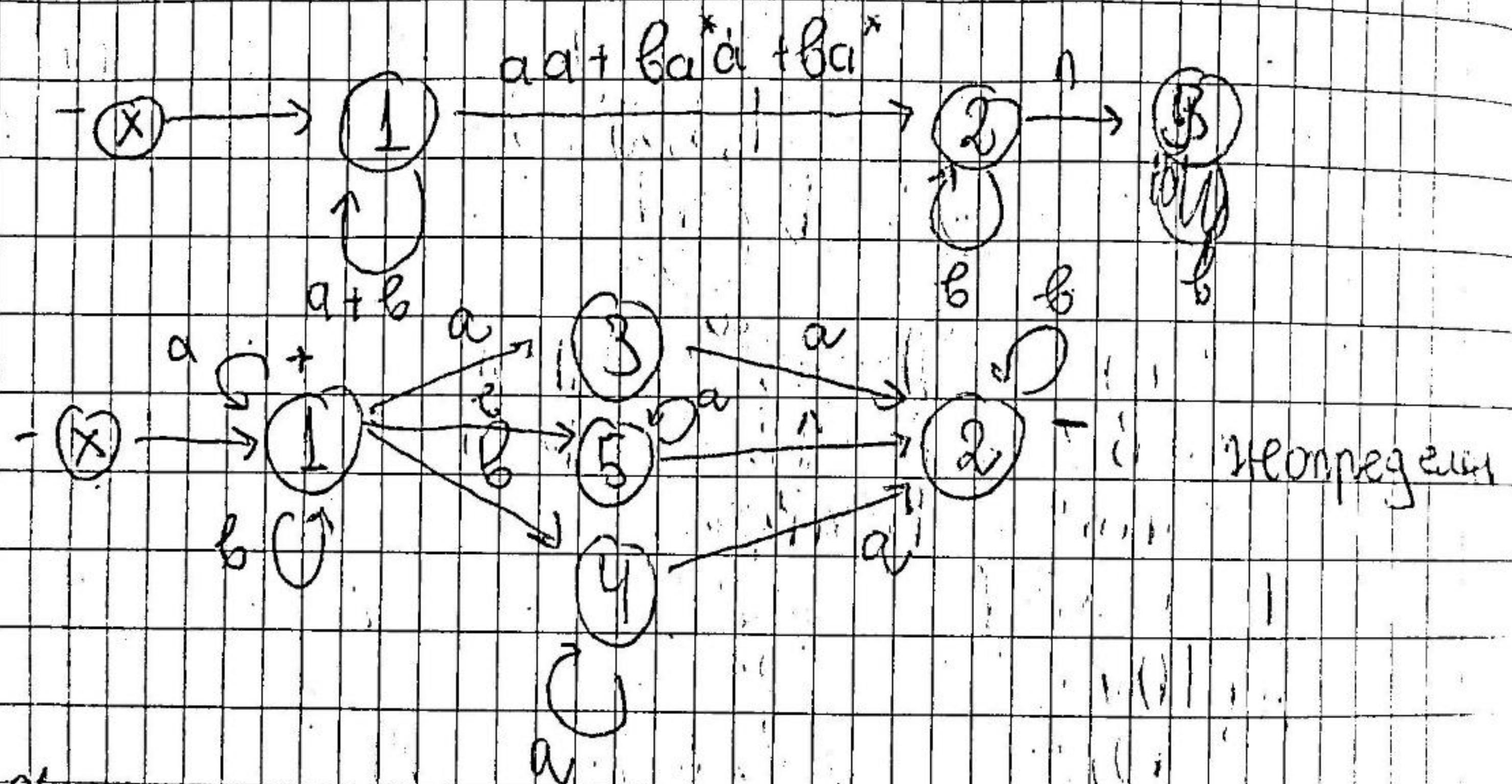
определяет

$$\begin{array}{ll} S \rightarrow aA & S \rightarrow bB \\ A \rightarrow bS & A \rightarrow aC \\ B \rightarrow cA & S \rightarrow \lambda \\ C \rightarrow bA & \end{array}$$

$$\begin{aligned} \Sigma &= \{a, b, c\} \\ N &= \{S, A, B, C\} \\ P &= \{S, P_1, P_2, P_3, P_4\} \\ G &= \{S, N, P\} \end{aligned}$$

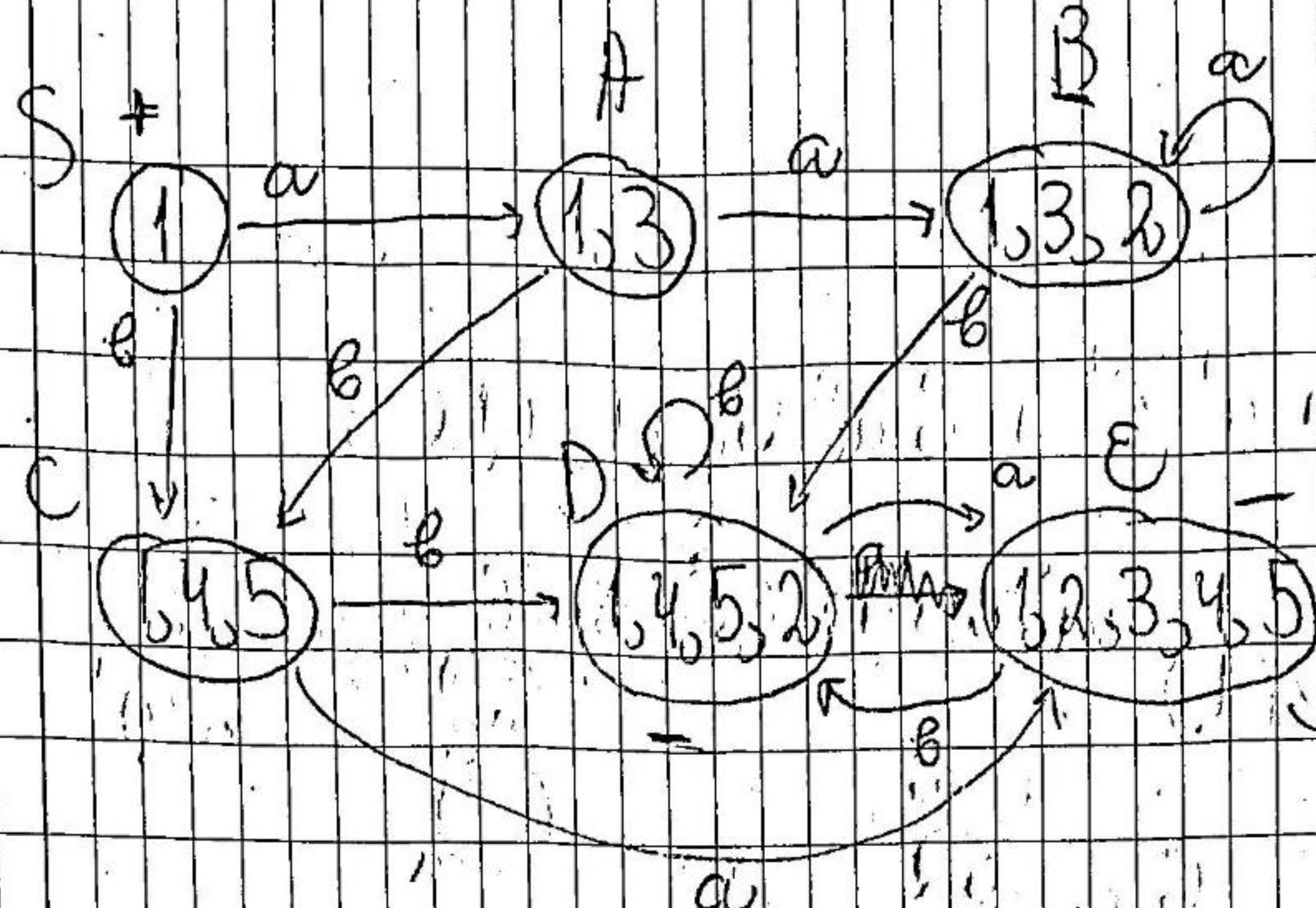
3ag11

$$R = (a+b)^*, (aa+ba^*a + ba^*), b^*$$



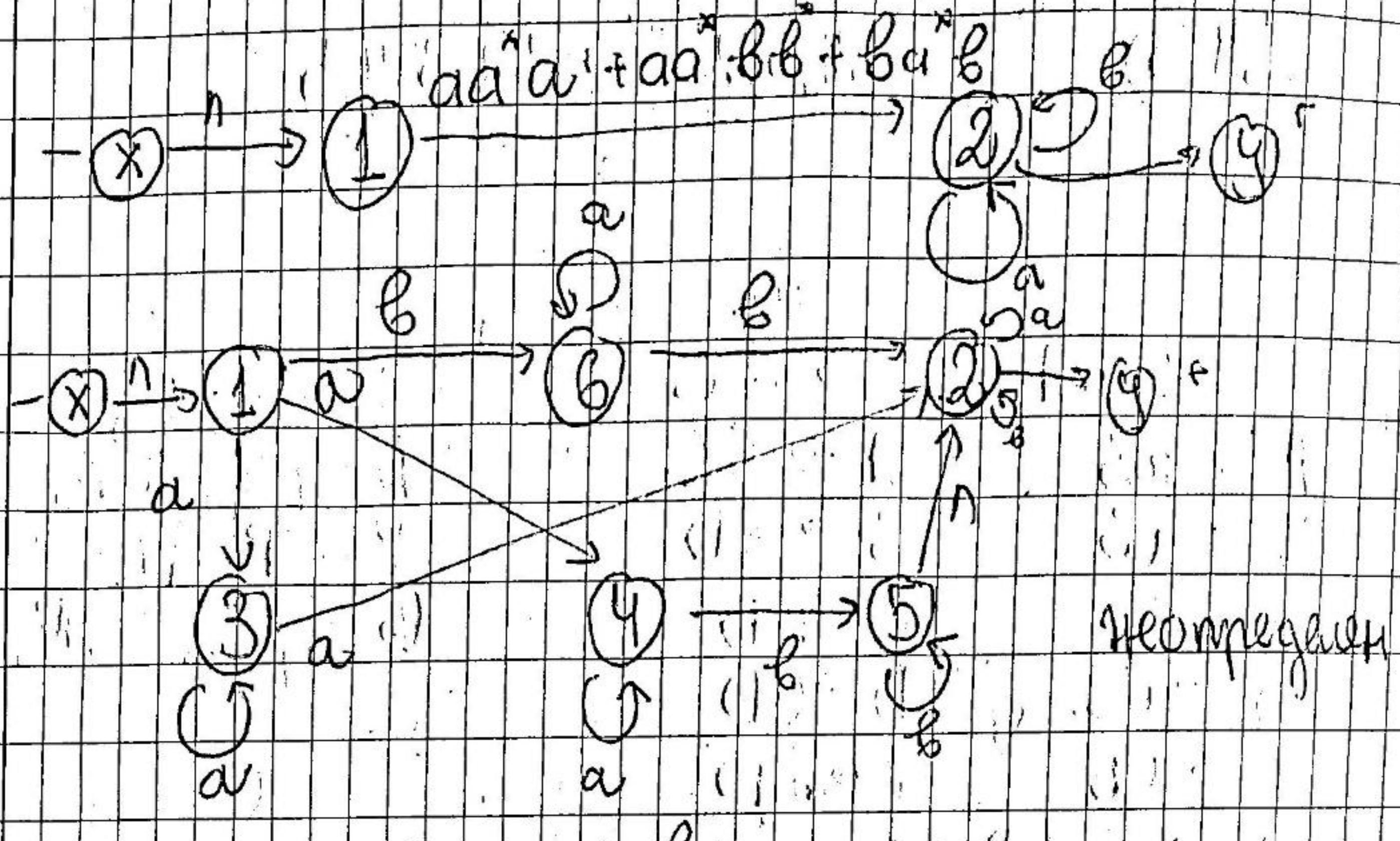
Складывать не получится

	$a$	$b$	$c$
S	{1}	{1, 3}	{1, 4, 5}
A	{1, 3}	{1, 3}	{1, 4, 5}
B	{1, 3}	{1, 3}	{1, 4, 5}
C	{1, 4, 5}	{1, 3}	{1, 4, 5}
D	{1, 4, 5}	{1, 3}	{1, 4, 5}
E	{1, 2, 3, 4, 5}	{1, 3}	{1, 4, 5}

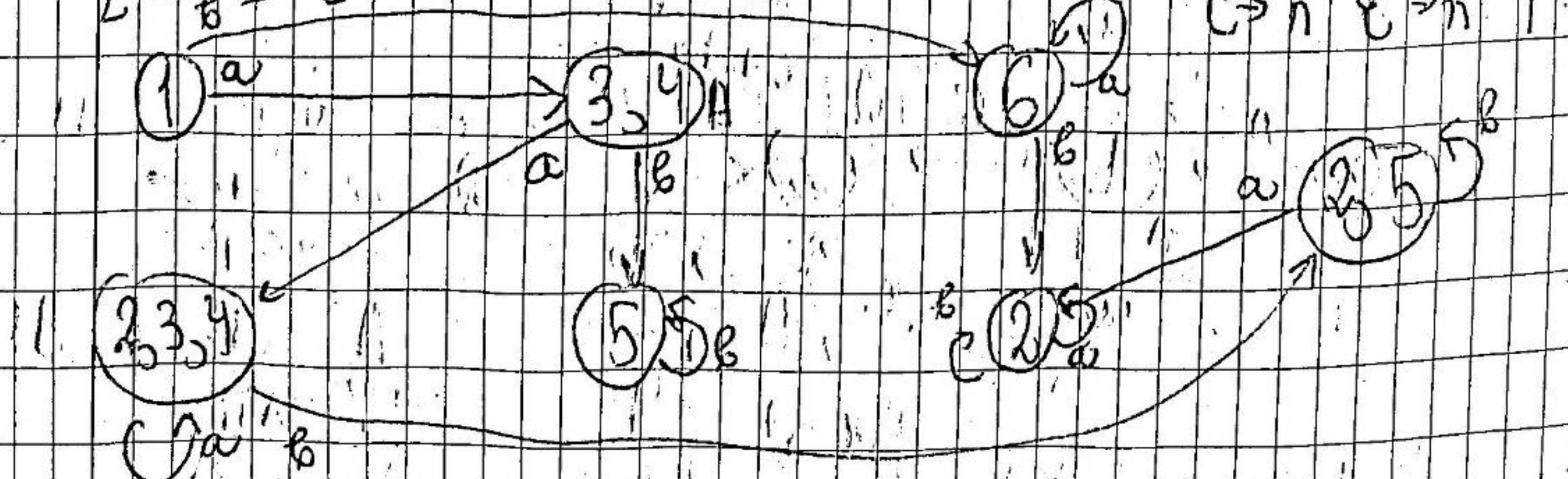


zag 12

$$R = (a^2a + a'b + ba^*b)(a+b)$$



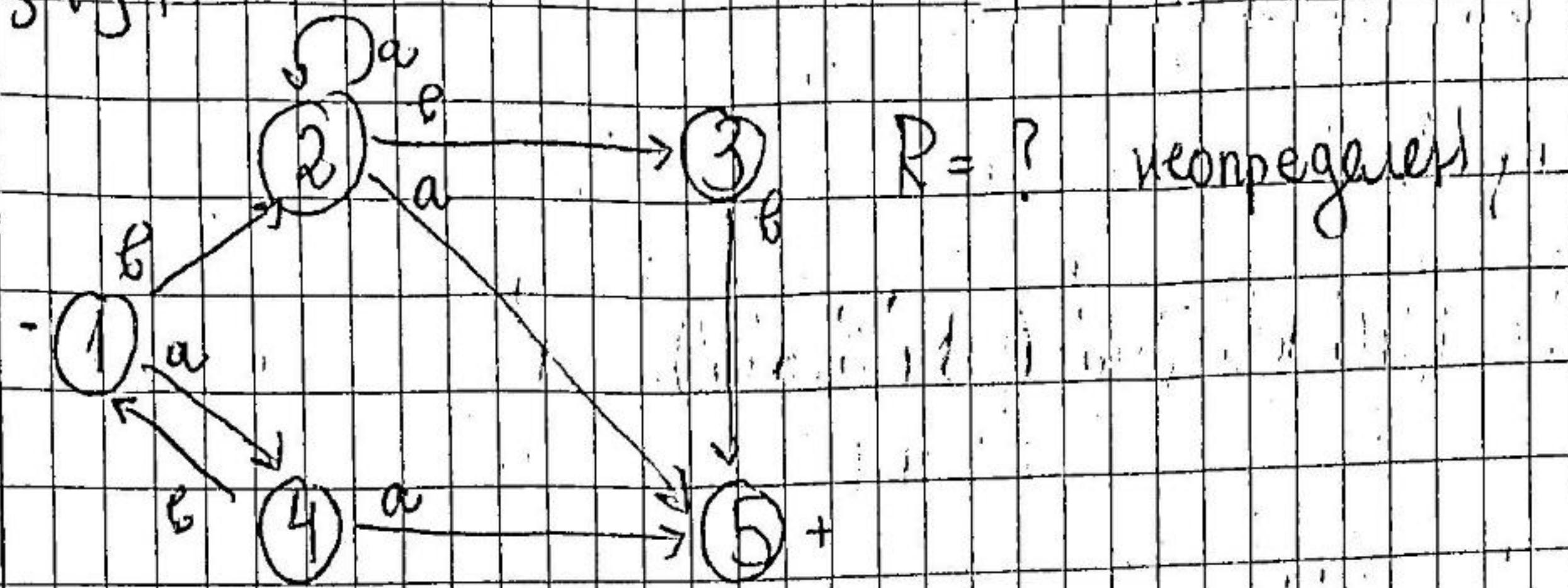
S	{1}	{3, 4}	{6}	$S \rightarrow aA$	$S \rightarrow BB$
A	{3, 4}	{2, 3, 4}	{5}	$A \rightarrow aC$	$A \rightarrow bD$
B	{5}	{6}	{2, 5}	$B \rightarrow aB$	$B \rightarrow bE$
C	{2, 3, 4}	{2, 3, 4}	{2, 5, 6}	$C \rightarrow aC$	$C \rightarrow bF$
D	{5}	{6}	{5}	$D \rightarrow aD$	
E	{2, 4}	{2, 4}	{2, 4}	$E \rightarrow aE$	$E \rightarrow bE$
F	{2, 5}	{2, 5}	{2, 5}	$F \rightarrow aE$	$F \rightarrow bF$
L	{6}			$C \rightarrow n$	$E \rightarrow n$



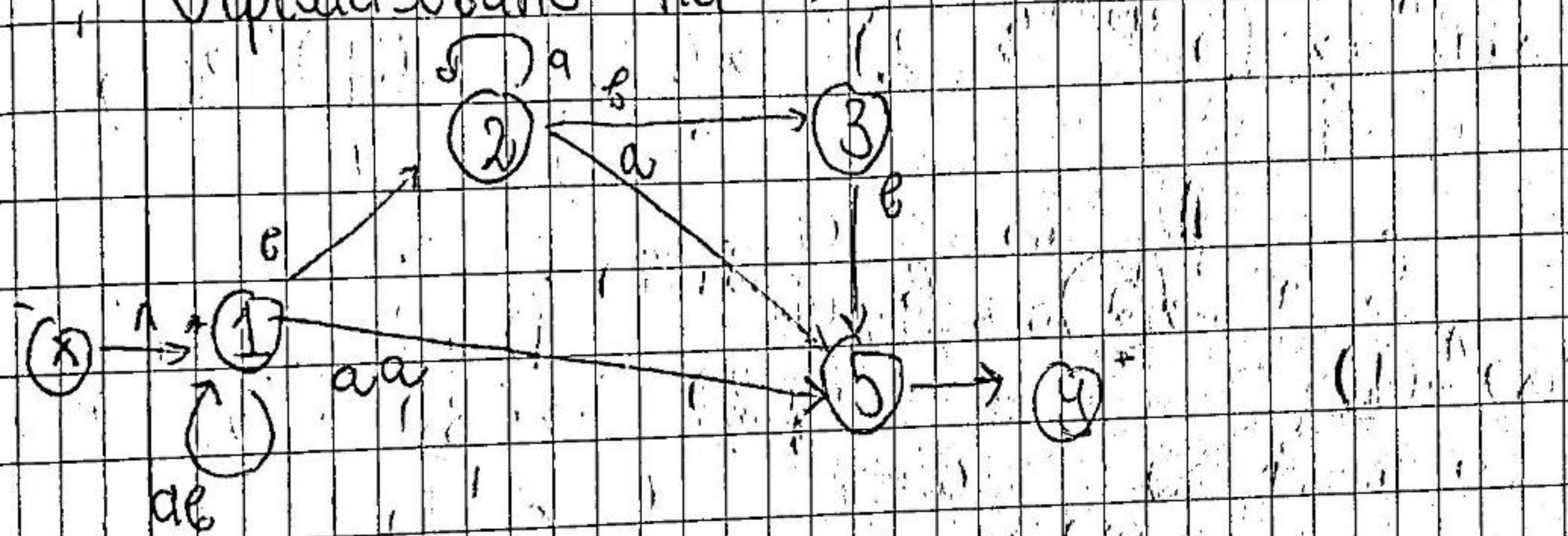
$$\Sigma = \{a, b\} \quad N = \{S, A, B, C, D, E, F, G, P_1, P_2\} \quad i = 1 \dots 16$$

$$G = S, S, \dots, N, P_1, P_2$$

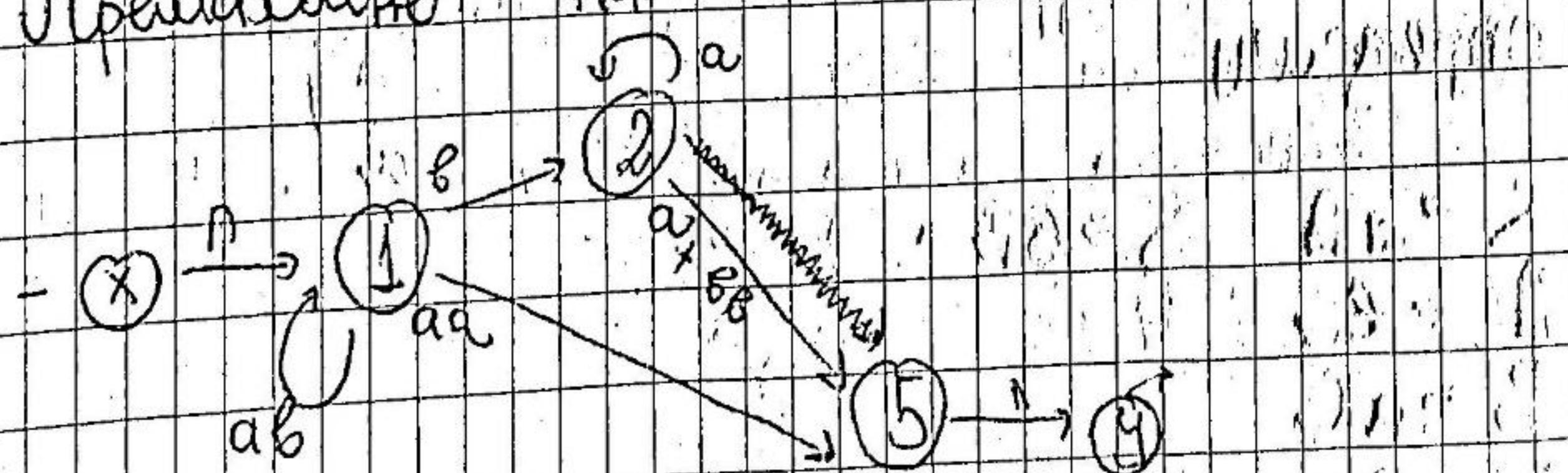
заг 13



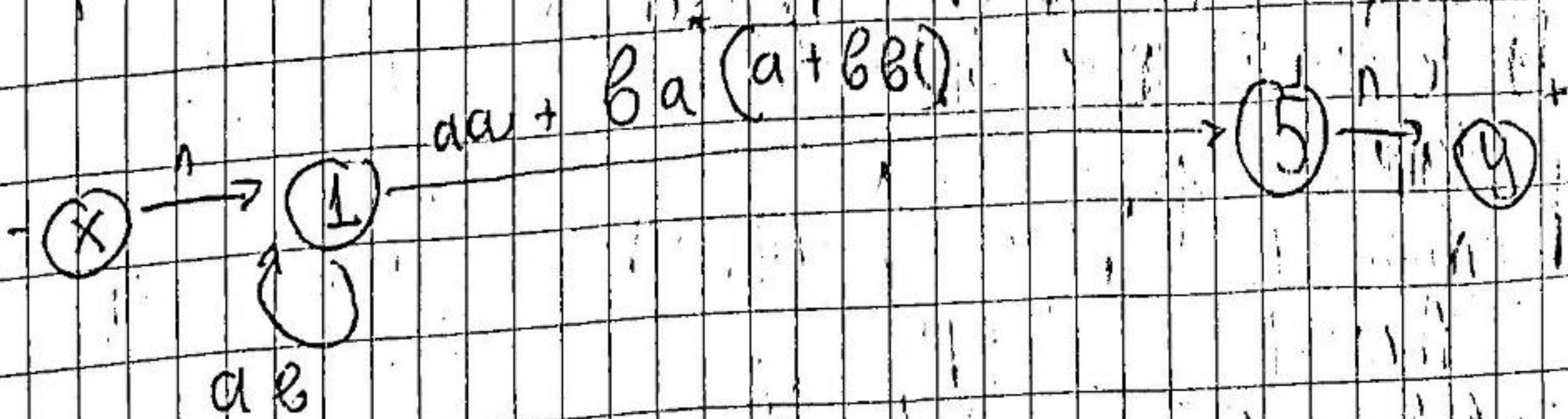
Упрощение на 4



Упрощение на 3



Упрощение на 2

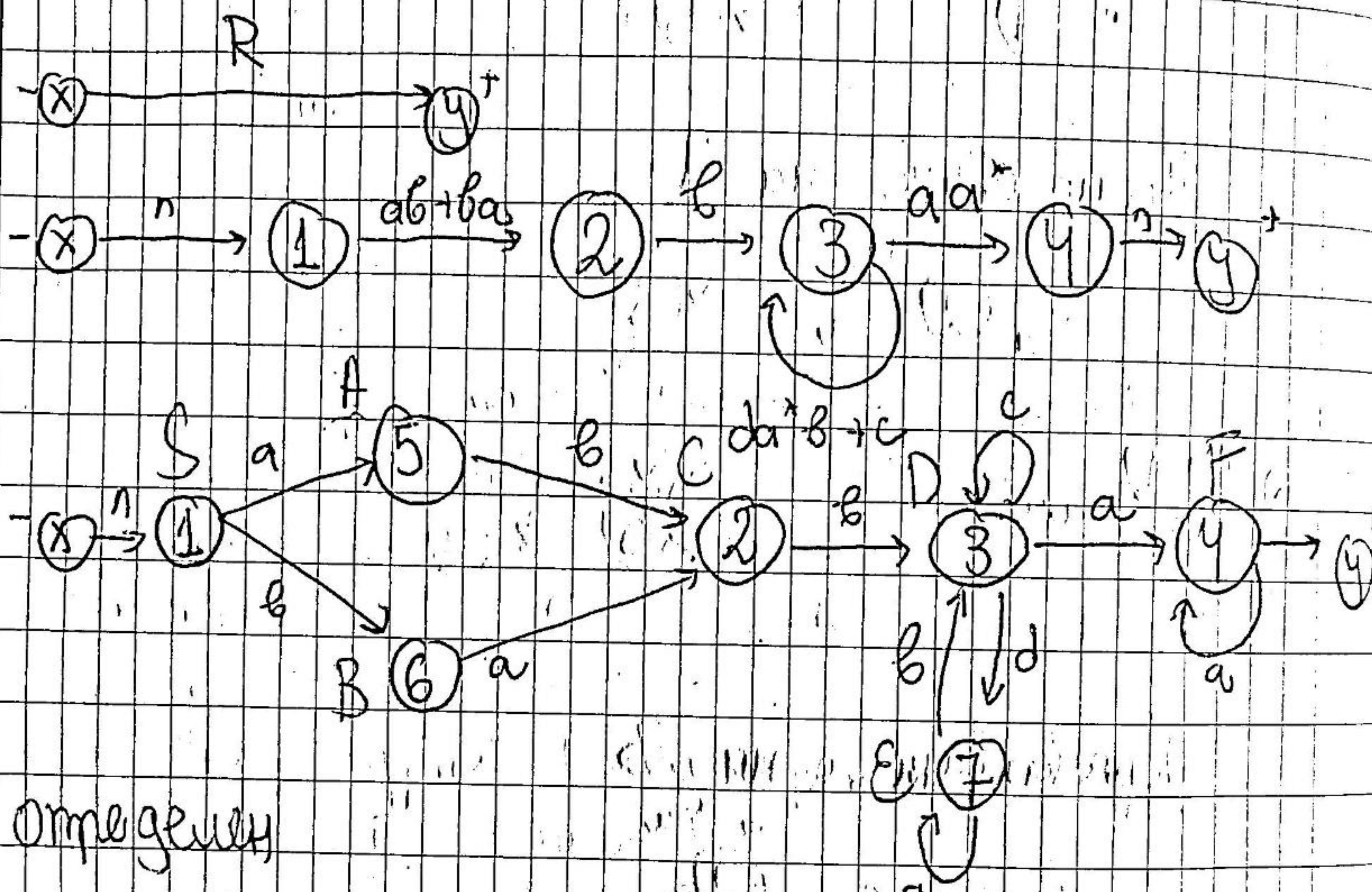


$$a(a + bbb)$$

$$R = (ab) \cdot [a(a + bbb)(a + bbb)]$$

zag 13

$$R = (ab + ba) b (da'b + c) a^+$$



Umgekehrt

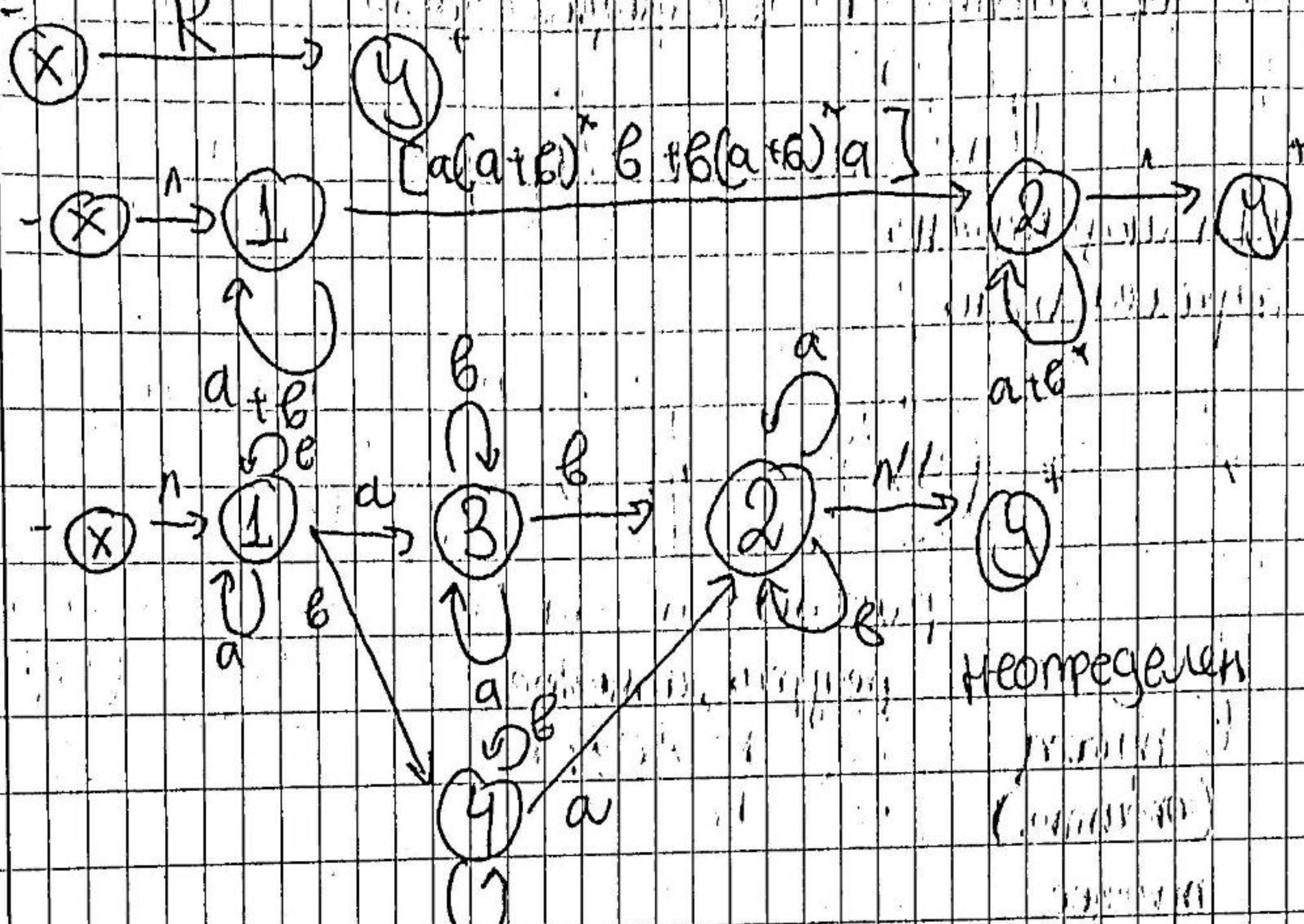
$$\begin{array}{ll}
 S \rightarrow aA & S \rightarrow bB \\
 A \rightarrow BC \\
 B \rightarrow aC \\
 C \rightarrow bD \\
 D \rightarrow cD & D \rightarrow dE & D \rightarrow aF \\
 E \rightarrow aE & E \rightarrow bD \\
 F \rightarrow aF \\
 F \rightarrow \lambda
 \end{array}$$

$$\begin{array}{l}
 \Sigma = \{a, b, c, d, e, f\} \\
 N = \{S, S, A, B, C, D, E, F\} \\
 P = \{P_i\}_{i=1}^{12}
 \end{array}$$

$$G = \{S, S, T, U, V\}$$

30.9.14

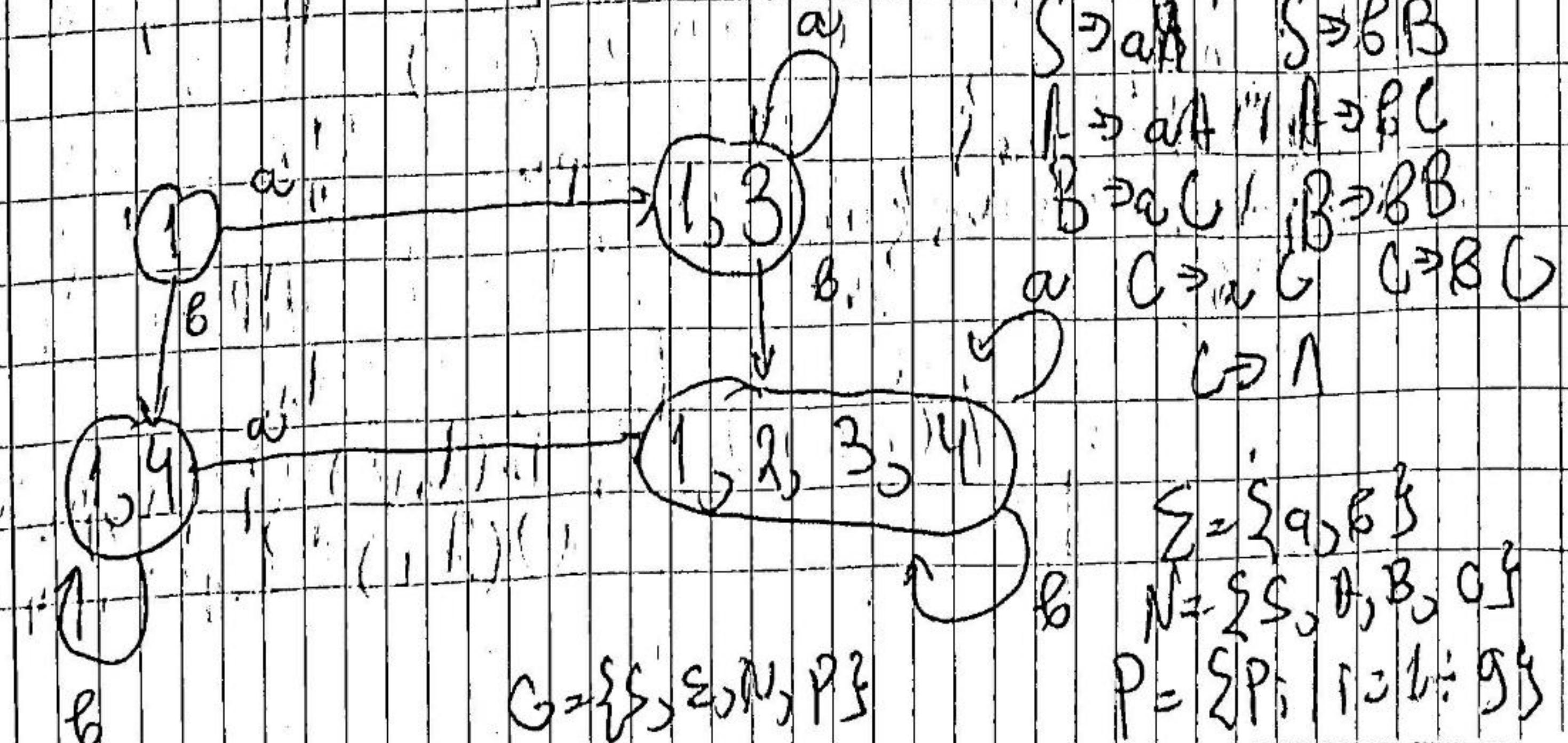
$$R = (a+b) [a(a+b)b_1 + b(a+b)a_1] (a+b)$$



Ненормирован

S  
A  
B  
C  
D

$$\begin{array}{l} \{1, 2\} \\ \{1, 3\} \\ \{1, 4\} \\ \{1, 2, 3\} \end{array} \quad \begin{array}{l} \{1, 3, 4\} \\ \{1, 2, 4\} \\ \{1, 2, 3\} \end{array} \quad \begin{array}{l} \{1, 2, 3\} \\ \{1, 3, 2\} \\ \{1, 2, 4\} \\ \{1, 2, 3, 4\} \end{array}$$



$$G = \{S, E, N, P\}$$

$$\begin{aligned} S &= \{S, B\} \\ N &= \{S, A, B, C\} \\ P &= \{P_i \mid i = 1 \div 9\} \end{aligned}$$