

Khrebnik Marus ITC-22

Задание 12

$$1) P_1 = CTCCCTATTCCT \quad \{A, T, G, C\}$$

C	A	T	G	C
4	2	10	1	

- массовые числа ненасыщенных символов

$k \quad d_2$ - массовые числа ациклических структур

1	2
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2	5
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3	8
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4	8
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5	8
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6	8
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7	8
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8	8
---	---

9	8
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CTCCCTATTC=1

$$2) C = 0$$

CTCCCT=2

CTCCCTATTC=2

CT=0

CTCCCTA=0

Однако, мы имеем - определение

CT=1

CTCCCTAT=0

[0, 0, 1, 1, 2, 0, 0, 0, 1, 2]

CTC=1

CTCCCTATT=0

3) ABB ABBBAAB

M(0)=(0,0,0)

U(B); S-A(1,0,1)

M(6)=(0,0,0)

U(A)=(1,0,0)

M(3)=(0,0,1)

U(B); S-A(1,1,0)

S-A(0)=(1,0,0)

U(B); S-A(1,0,0)

M(7)=(0,1,0)

M(1)=(1,0,0)

M(4)=(0,0,0)

U(B)=(0,1,1)

U(A); S-A(1,0,0)

S-A(1)=(1,1,0)

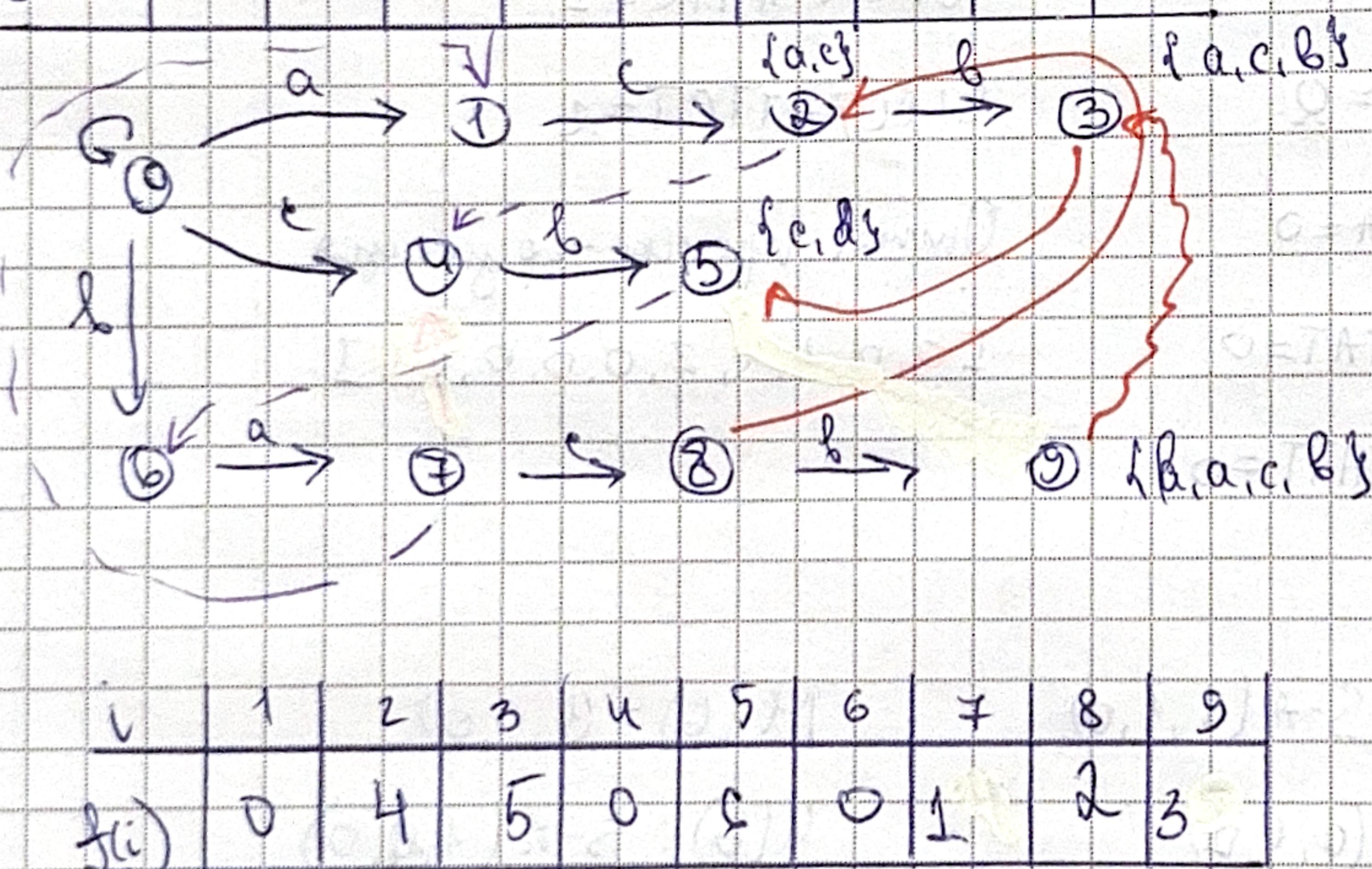
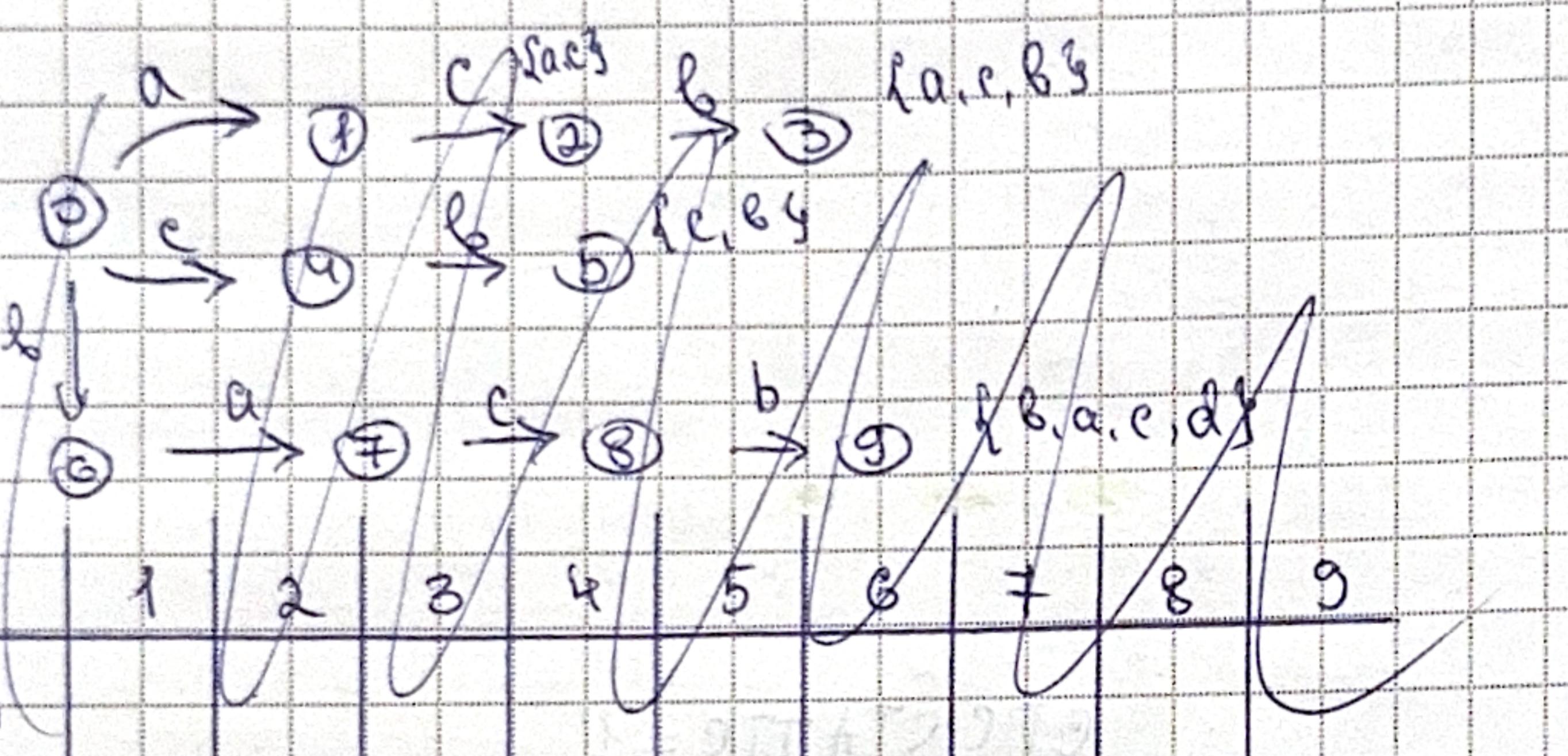
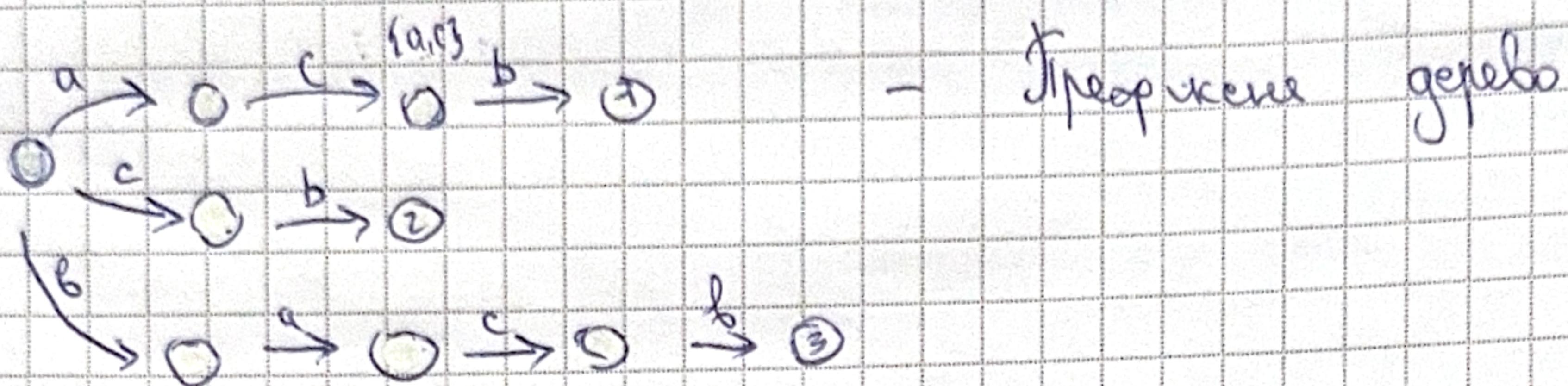
M(5)=(1,0,0)

M(2)=(0,1,0)

U(A); S-A(1,1,0)

	A	B	b	B	A	A	B		
	0	1	2	3	4	5	6	7	
A	1	0	1	0	0	0	1	1	0
B	2	0	0	1	0	0	0	0	1
B	3	0	0	0	1	0	0	0	0

4) $P = \{acb, cb, ac, bacb\}$



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a) $P = abc$ $X = abccba$

$G(X) =$, many ways

ausmagnische ogne

Пример P: a, ab, abc

Словарь X: a, Ba, cBa, ccBa, bccBa, abcabc,

b) $P = bca$

$X = bcaabc$

Пример P: b, bc, bca

Словарь X: c, bc, abc, aabc, caabc, beaabc.

$G(X) = 2$