

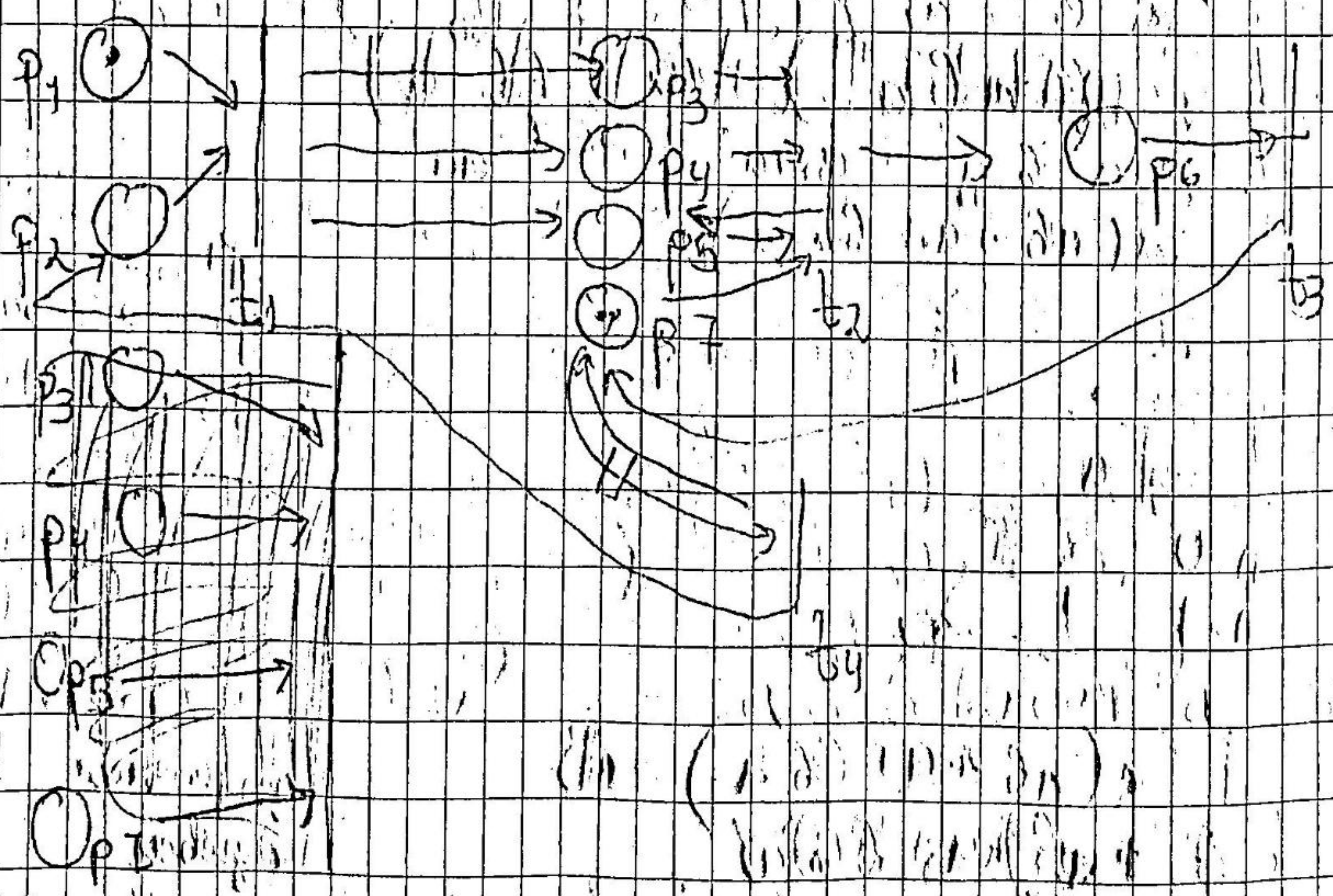
13.12.2022 XII. sem.

399

1)  $I(t_1) = \{P_1, P_2\}$   $O(t_1) = \{P_3, P_4, P_5\}$   
 $I(t_2) = \{P_3, P_4, P_5, P_7\}$   $O(t_2) = \{P_5, P_6\}$   
 $I(t_3) = \{P_6\}$   $O(t_3) = \{P_7\}$   
 $I(t_4) = \{P_7, P_7\}$   $O(t_4) = \{P_2, P_7\}$

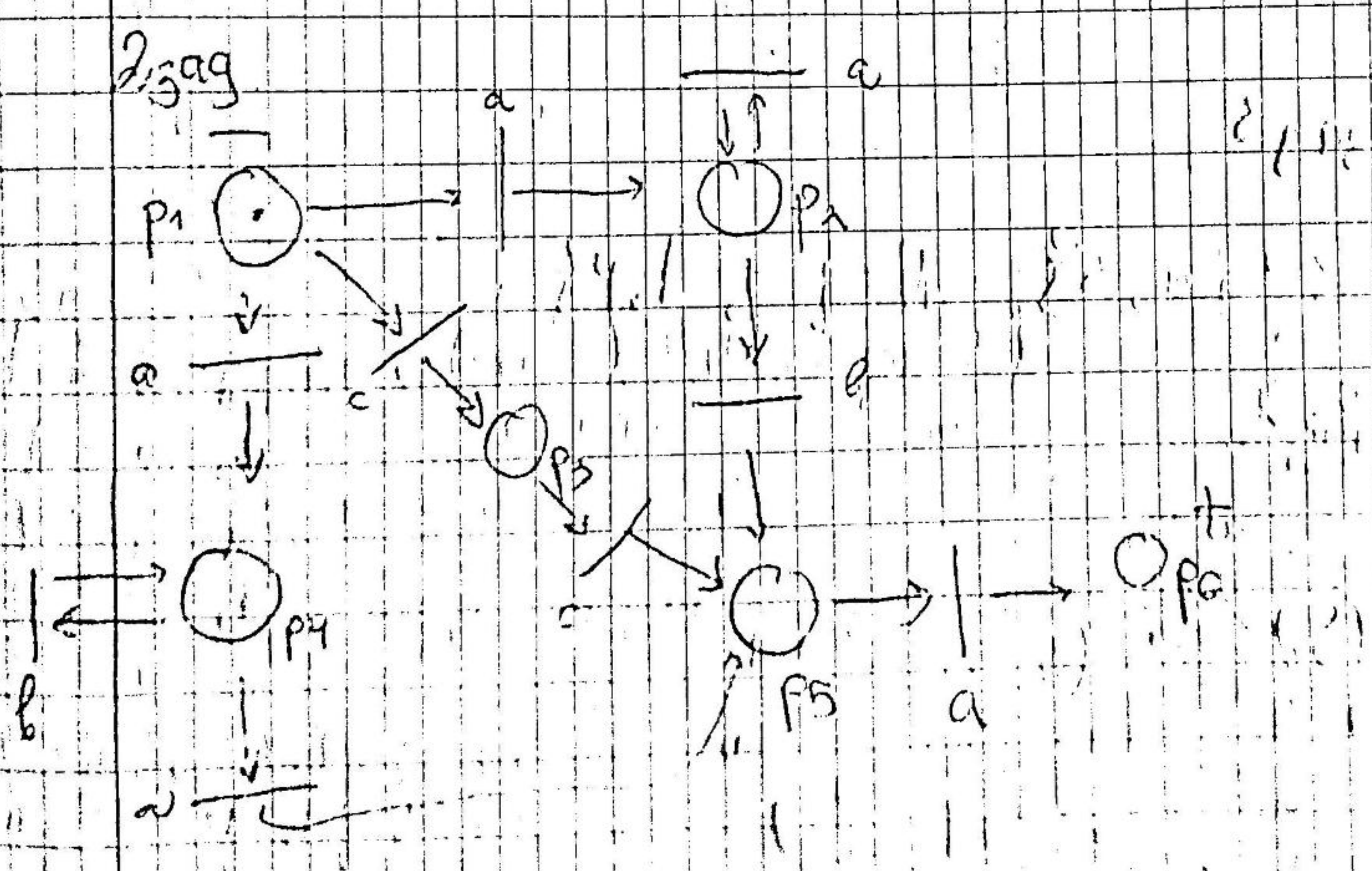
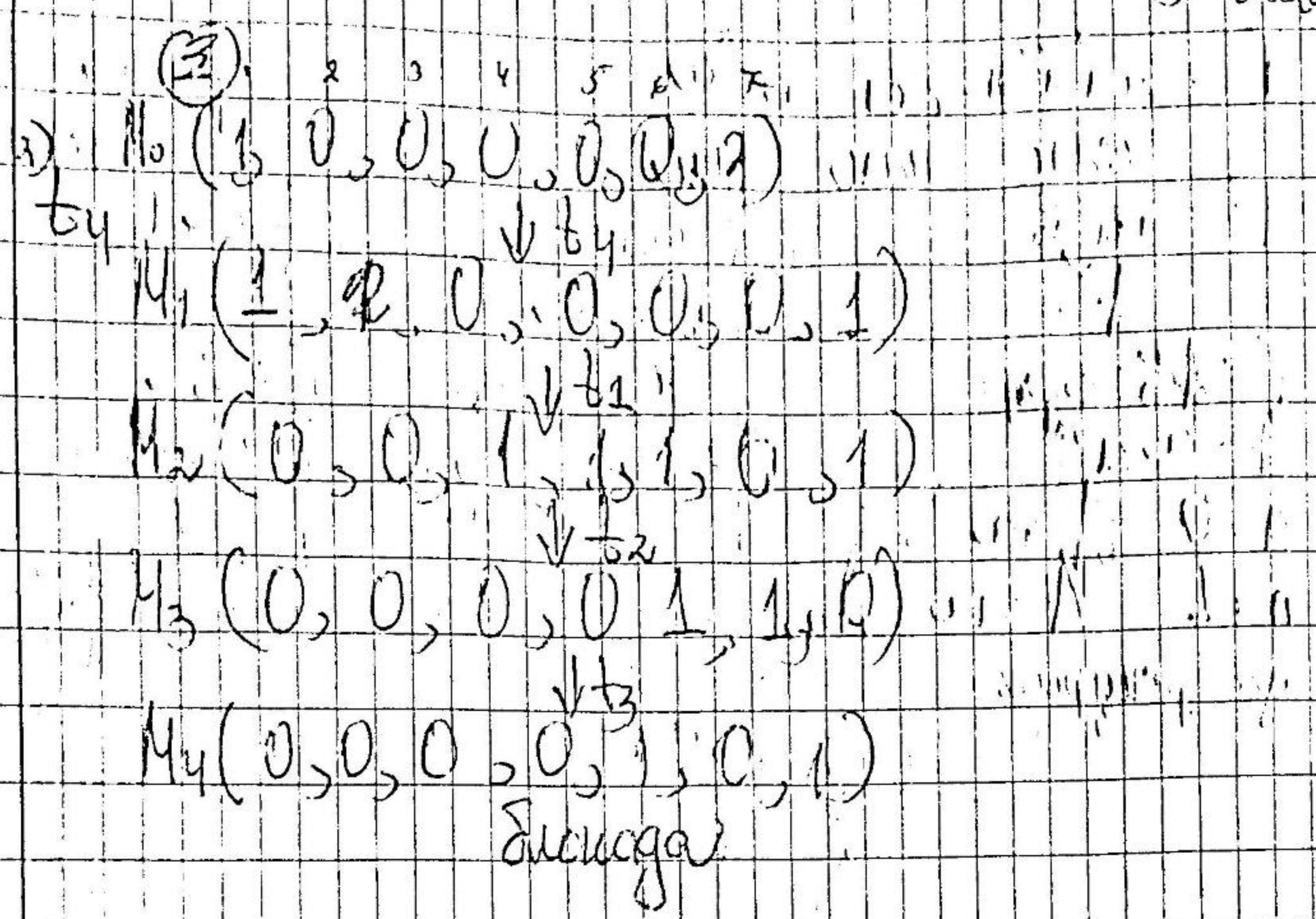
2) Mo(1, 0, 0, 0, 0, 2)

MSL goi Exchange





структура



1)  $L = \{ \dots \}$  3)  $\{ \dots \}$   $aa, ab, ba, bb, aa, ab, ba, bb$

$$L = aa^*ba + ccg + ab^*aa$$

$$L = (aa^*b + cc + ab^*a)a$$

$L = Fa \Rightarrow p_1 \quad F \quad p_1 \quad S \rightarrow Fa$

структура  $L \cdot S$



$$F = aa^*b + ca + ab^*a$$

регулярна грам.  
на языке 2

$$F = aa^*b$$

$$F = ca$$

$$F = ab^*a$$

$$F = AB \Rightarrow p_1$$

$$c = C \Rightarrow p_3$$

$$F = Ba$$

$$A = aa^*$$

$$F = C \Rightarrow p_2$$

$$n=0 \quad B = a \Rightarrow p_4$$

$$n=0 \quad A = a \Rightarrow p_5$$

$$n=1 \quad B = abz \Rightarrow p_4$$

$$n=1 \quad A = aa = Aa \Rightarrow p_6$$

$$(Bb) \Rightarrow p_4$$

го регулярна

$$p_5: A \rightarrow a$$

$$p_6: A \rightarrow Aa$$

$$p_7: F \rightarrow Ba$$

$$p_8: B \rightarrow a$$

$$p_9: B \rightarrow bz$$

заг3

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

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

$$P = \{$$

$$p_1: S \rightarrow aS$$

$$p_2: S \rightarrow bA$$

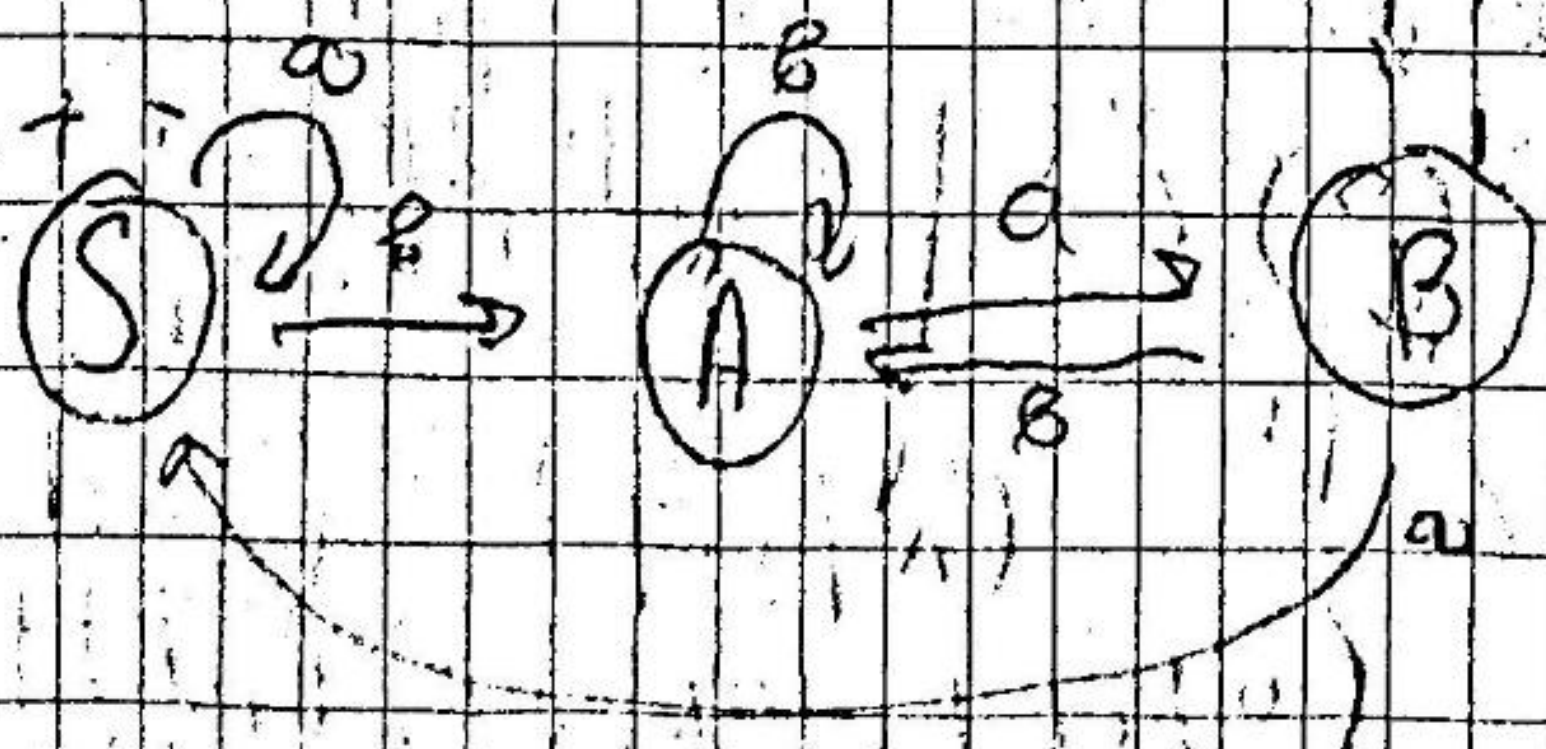
$$p_3: S \rightarrow \Lambda$$

$$p_4: A \rightarrow bA$$

$$p_5: A \rightarrow aB$$

$$p_6: B \rightarrow aS$$

$$p_7: B \rightarrow b\Lambda$$



$$a^*b^*(ab^*b^*)^*a^*$$

$$a^*b^*b^*(aa^* + (ab^*b^*))^*$$

$$a^*b^*b^*a^*(a + b^*b^*)^*$$



3994

$$A \cap B = B$$

$$A = \{10, 11, 12, 13\}$$

$$B = \{13, 14, 15\}$$

$$A \setminus B = \{10, 11, 12\}$$

$$B \setminus A = \{14, 15\}$$

3995  $X = \{B, C\}$

$$\{BB, BC, CB, CC, B, C, \Lambda\}$$

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

$$C \rightarrow A + B$$

$$C \rightarrow A$$

$$A \rightarrow aB$$

$$B \rightarrow BB$$

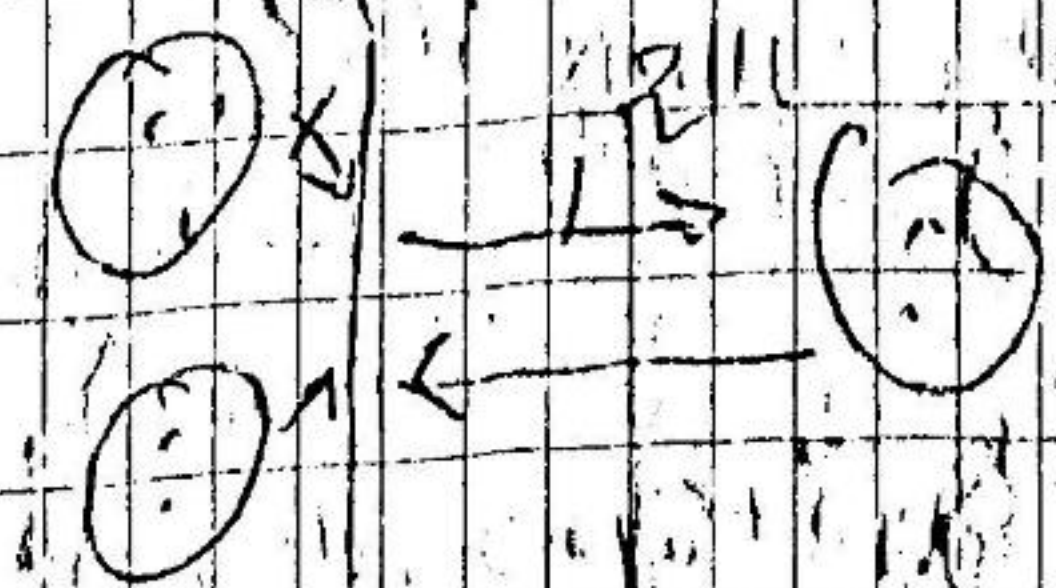
$$B \rightarrow a$$

$$A \rightarrow a$$

$$A \rightarrow AB$$

$$C \rightarrow \Lambda$$

3996



$$(1, 2, 3)$$



309 ~~7~~  $\cup$

$$(A \cup B) \cap (A \cap B)$$

4)  $C$

5)  $U$

6)  $\emptyset$

7)  $A \cap B$