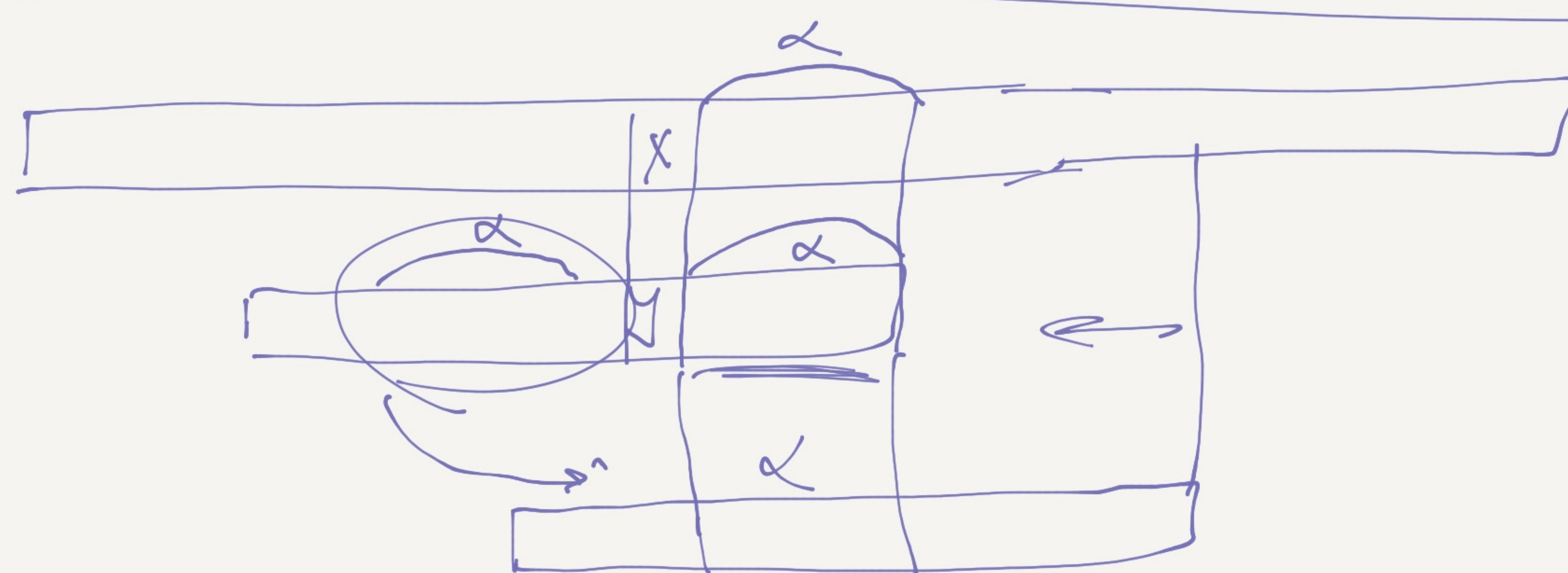
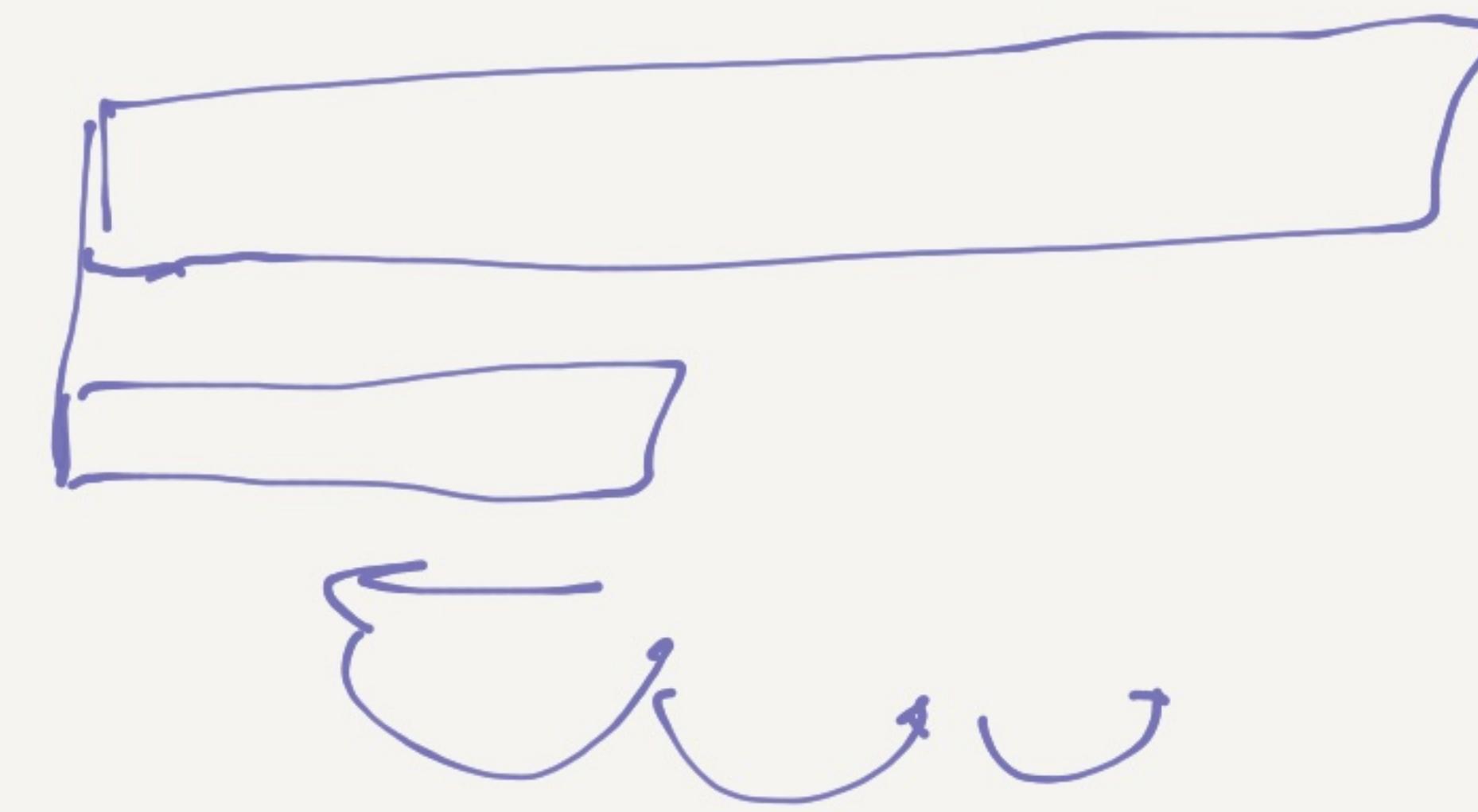
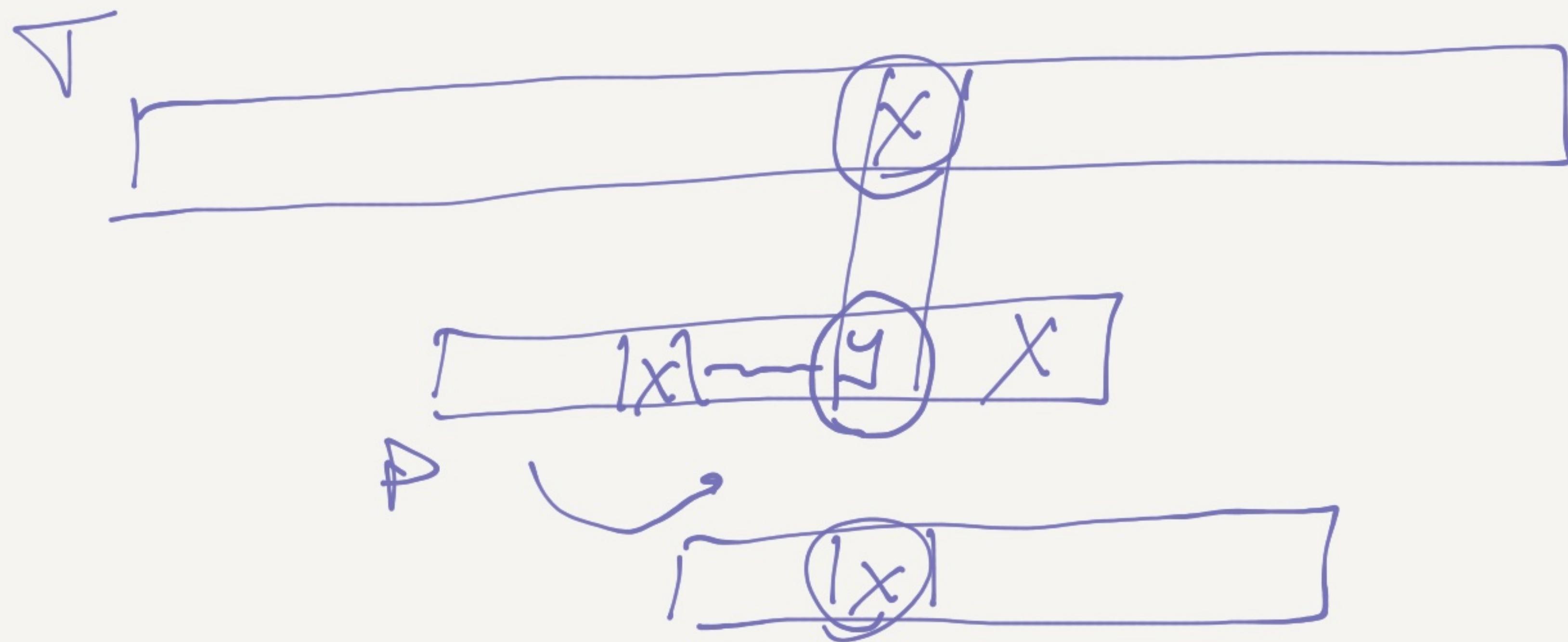
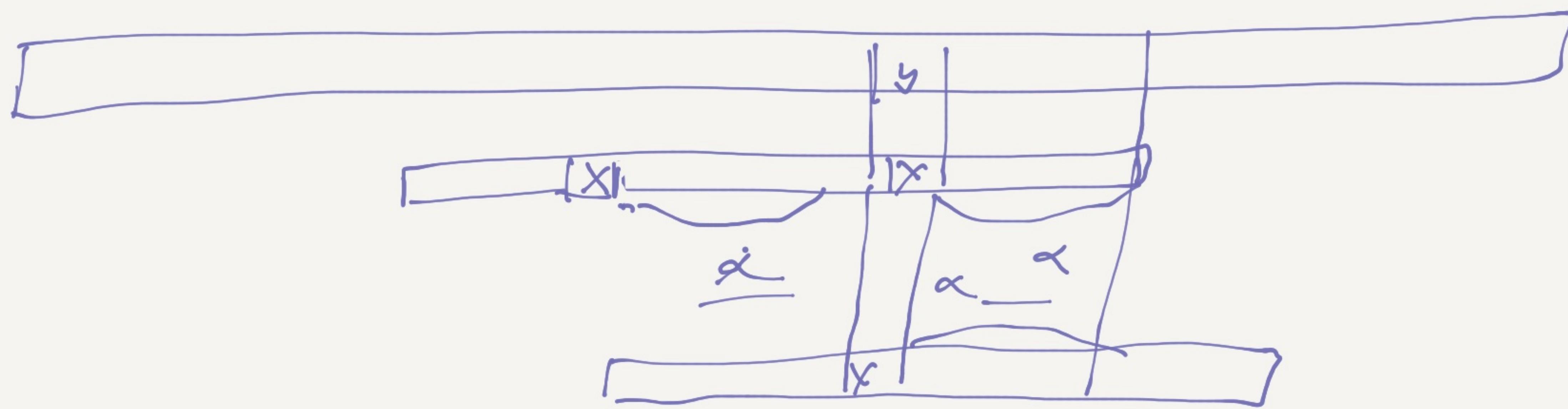
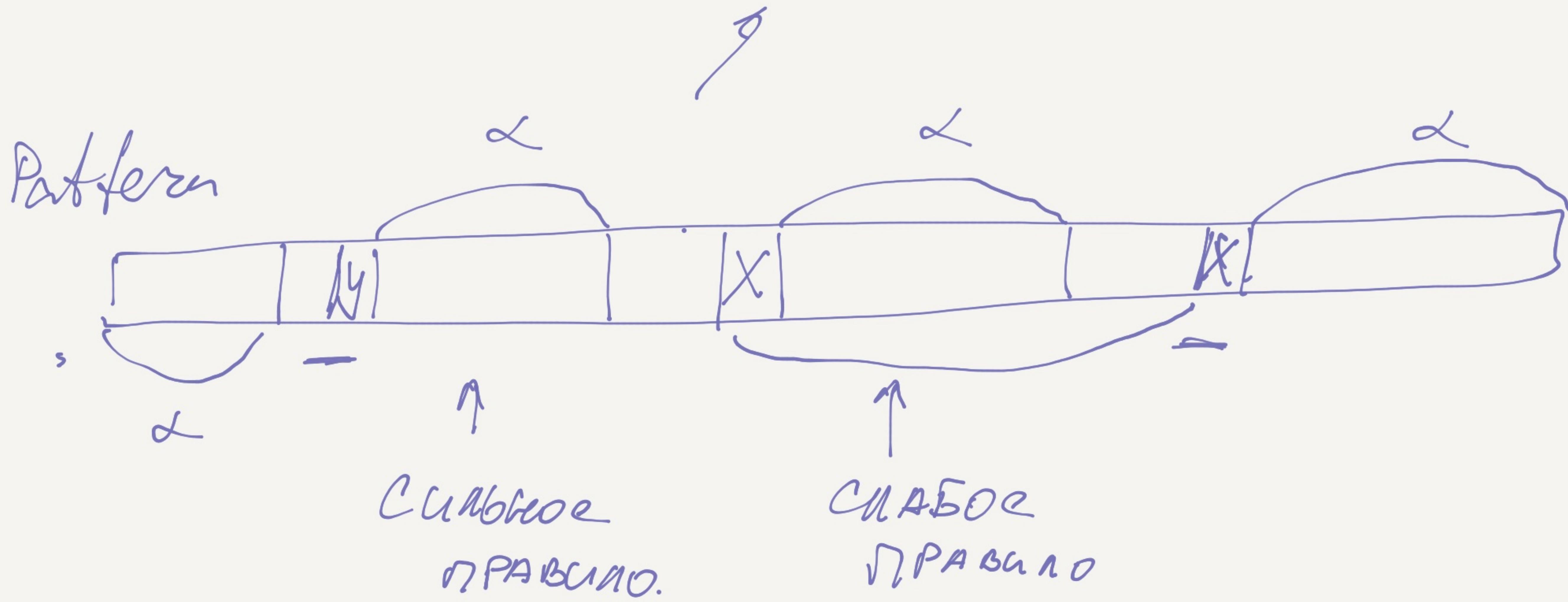
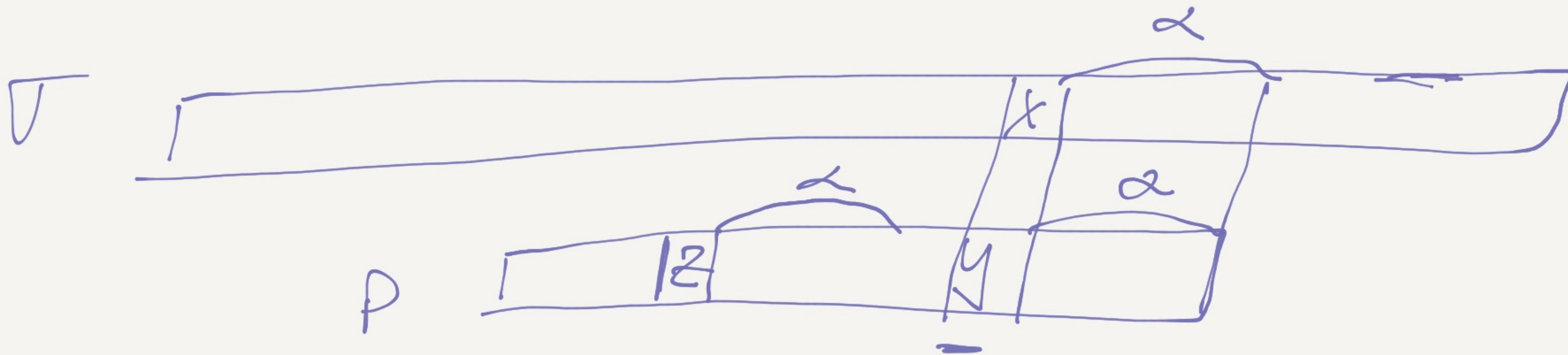
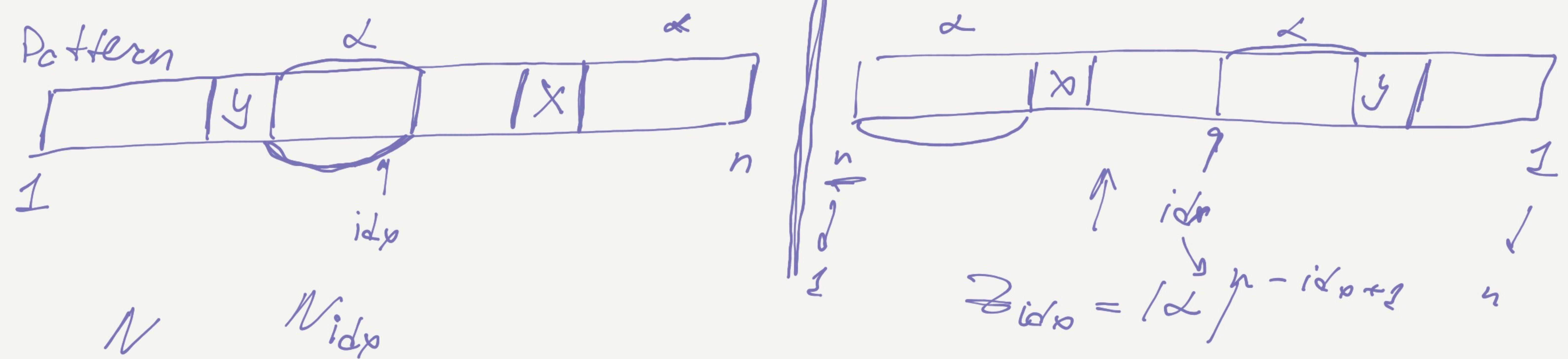


ππc / πxc





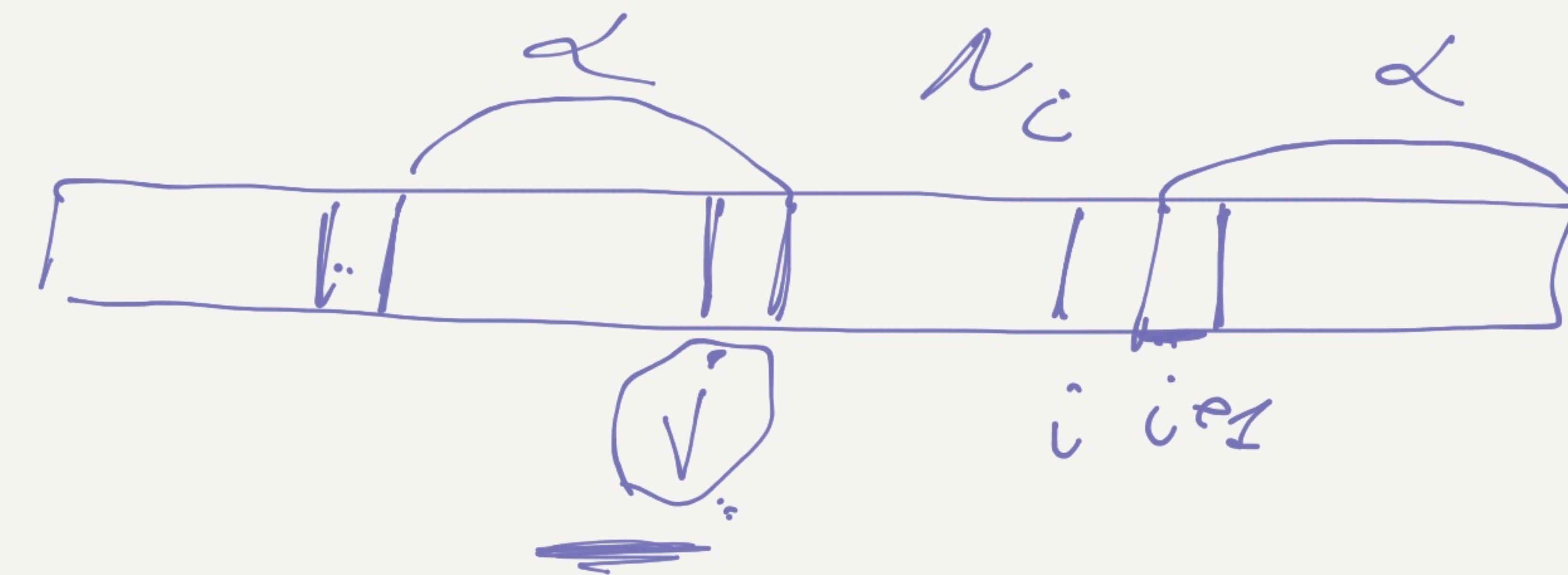


$$P^R = \text{reverse}(P)$$

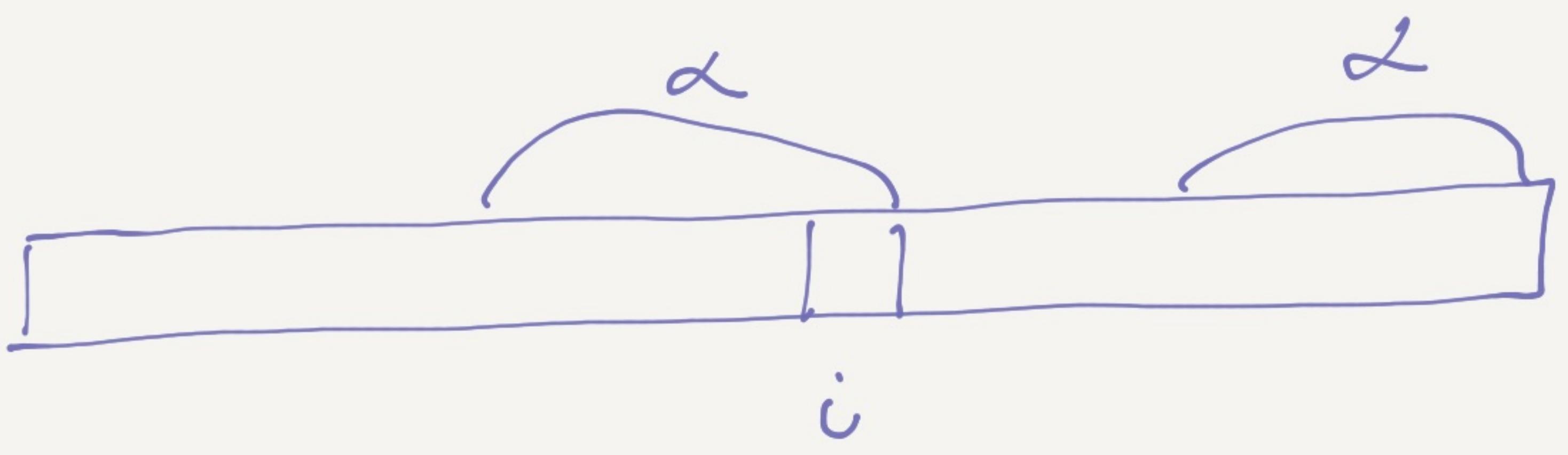
$$Z(P^R)$$

For $i = 1$ to n

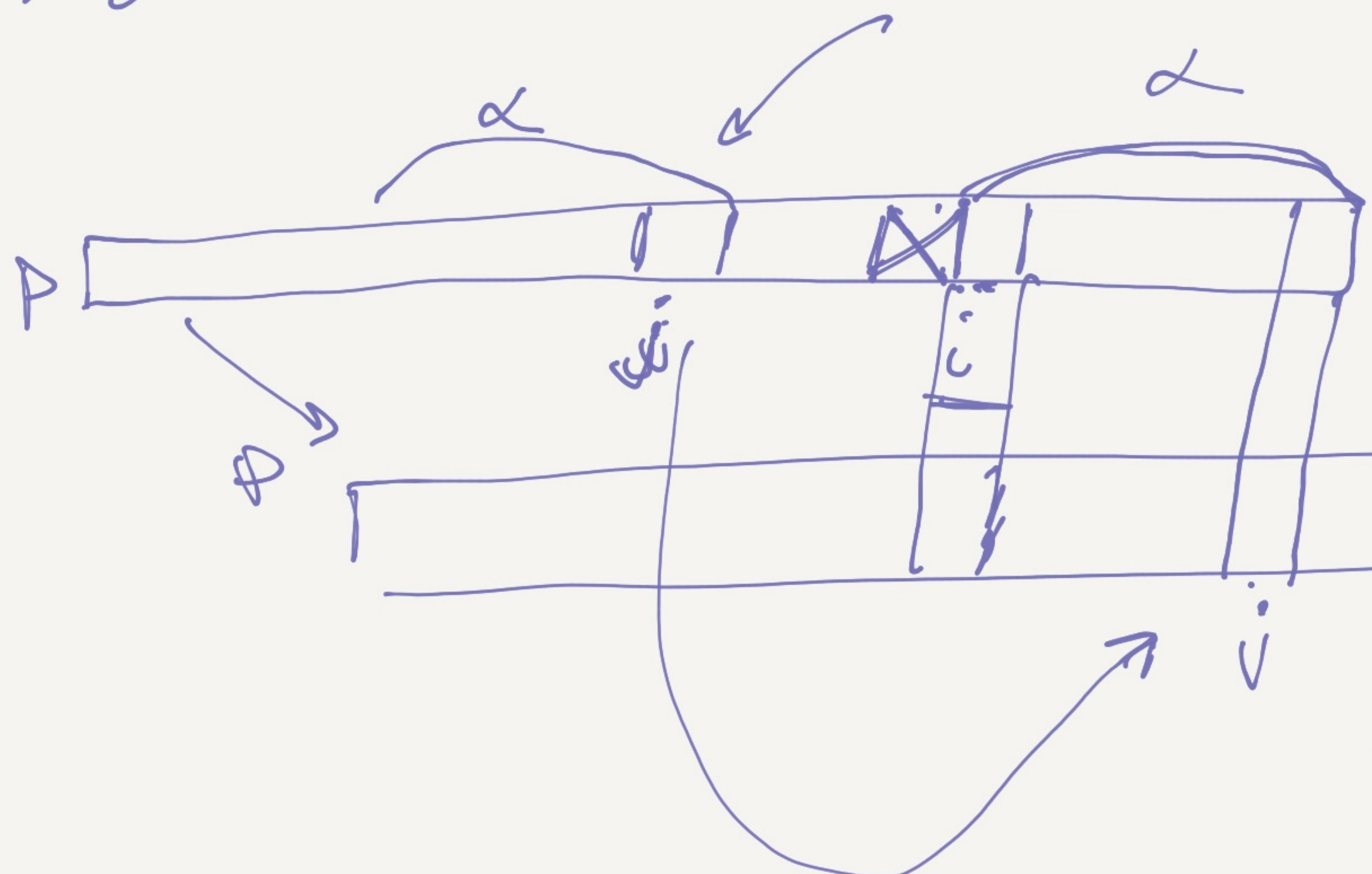
$$N_i = Z_{n-i+1}$$



$$\underline{\underline{N_j = \alpha^j}}$$

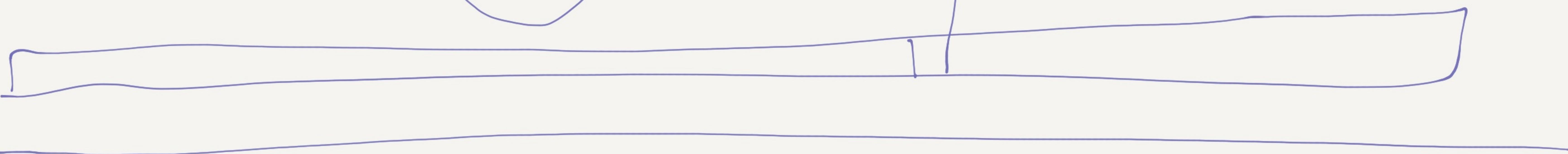


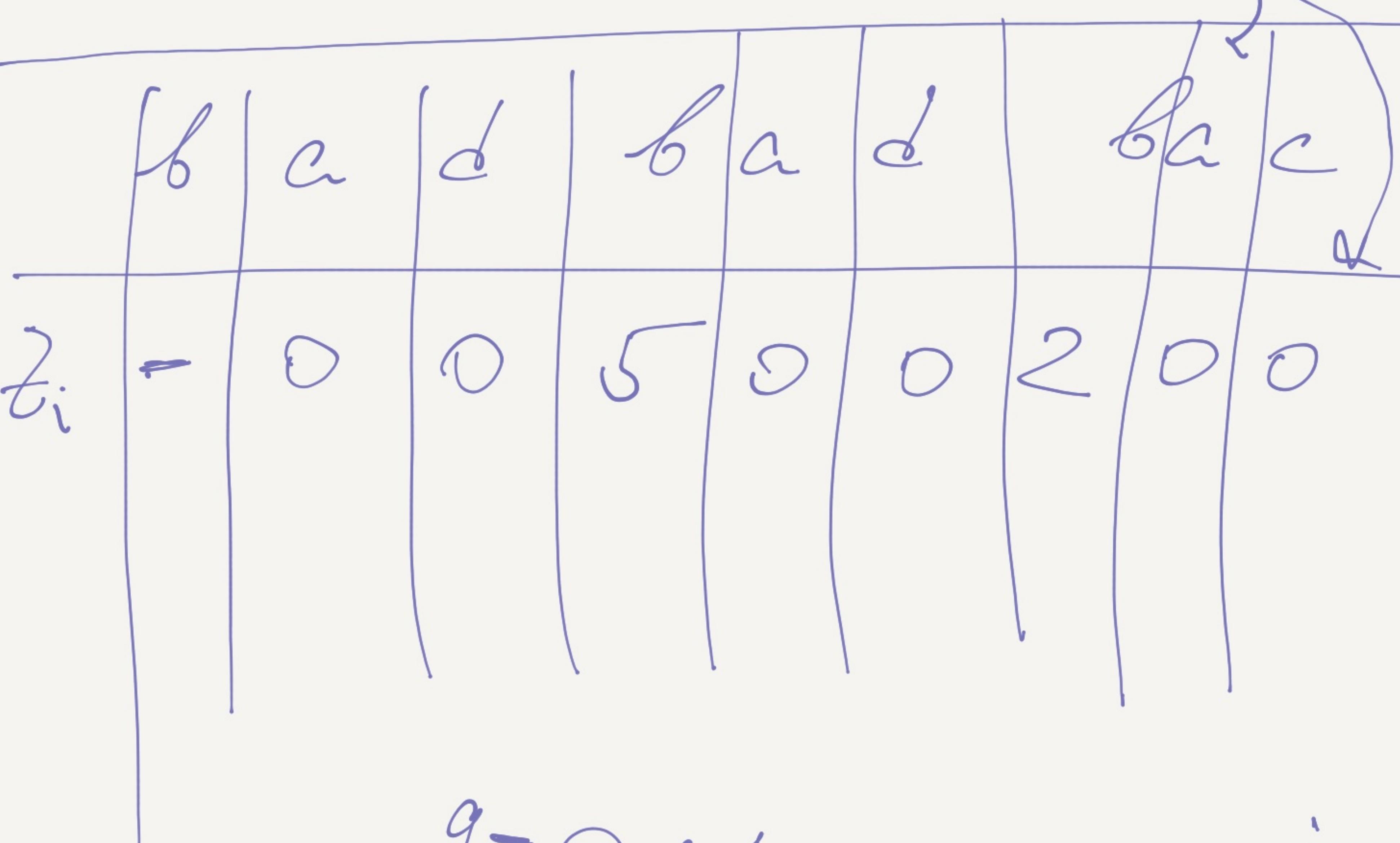
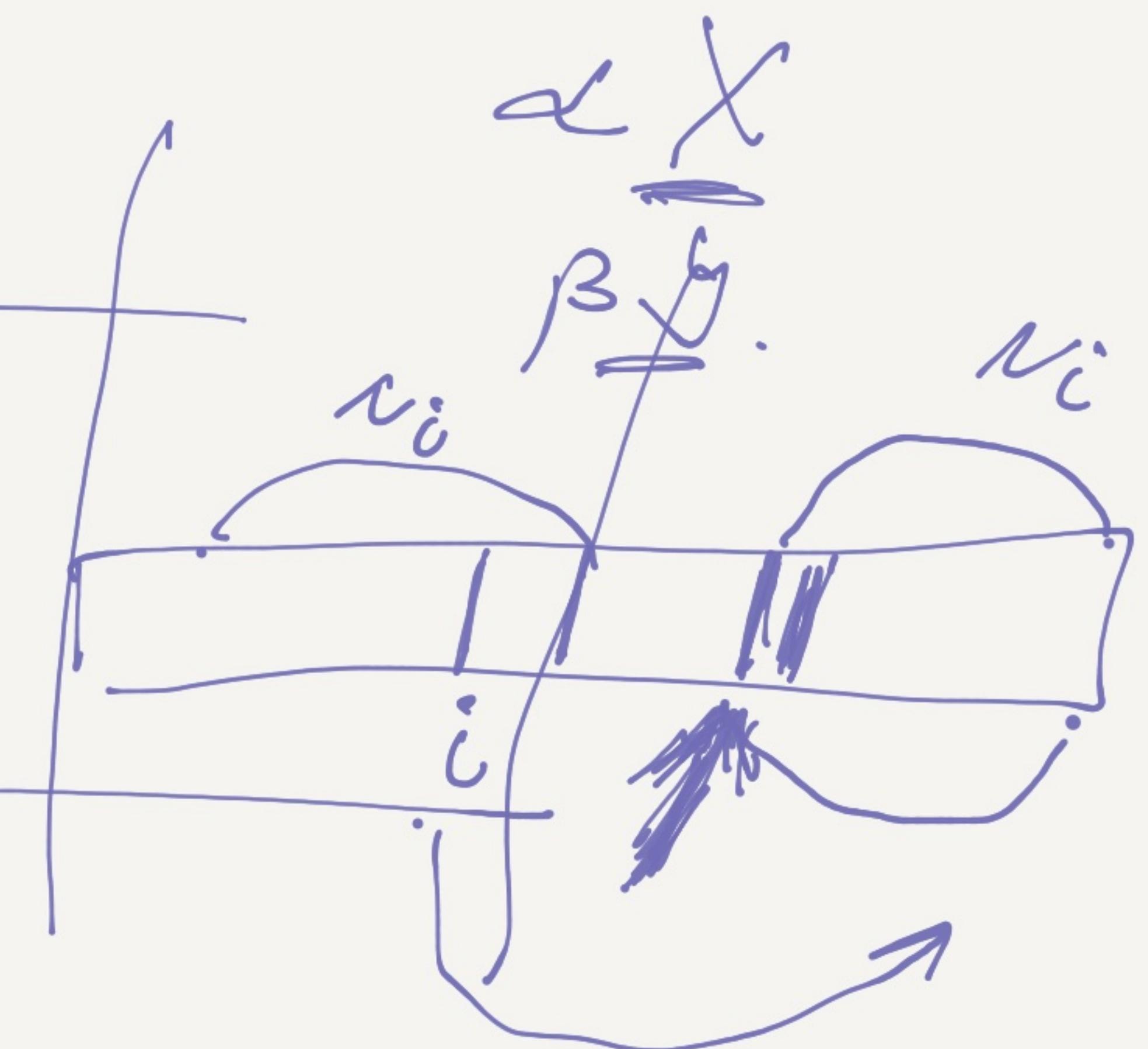
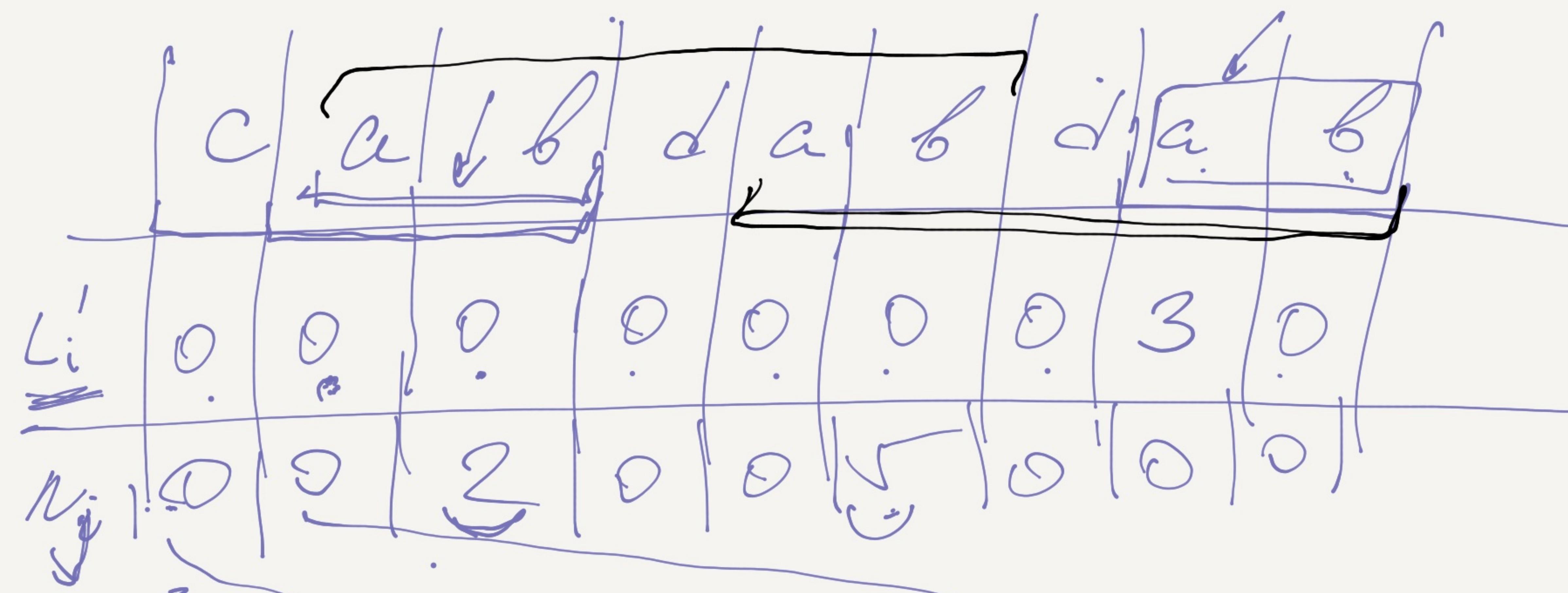
$$N_i = |\alpha|$$



$$\angle'_i = \gamma$$

$$N_j = n - i + 1 = |\beta|.$$



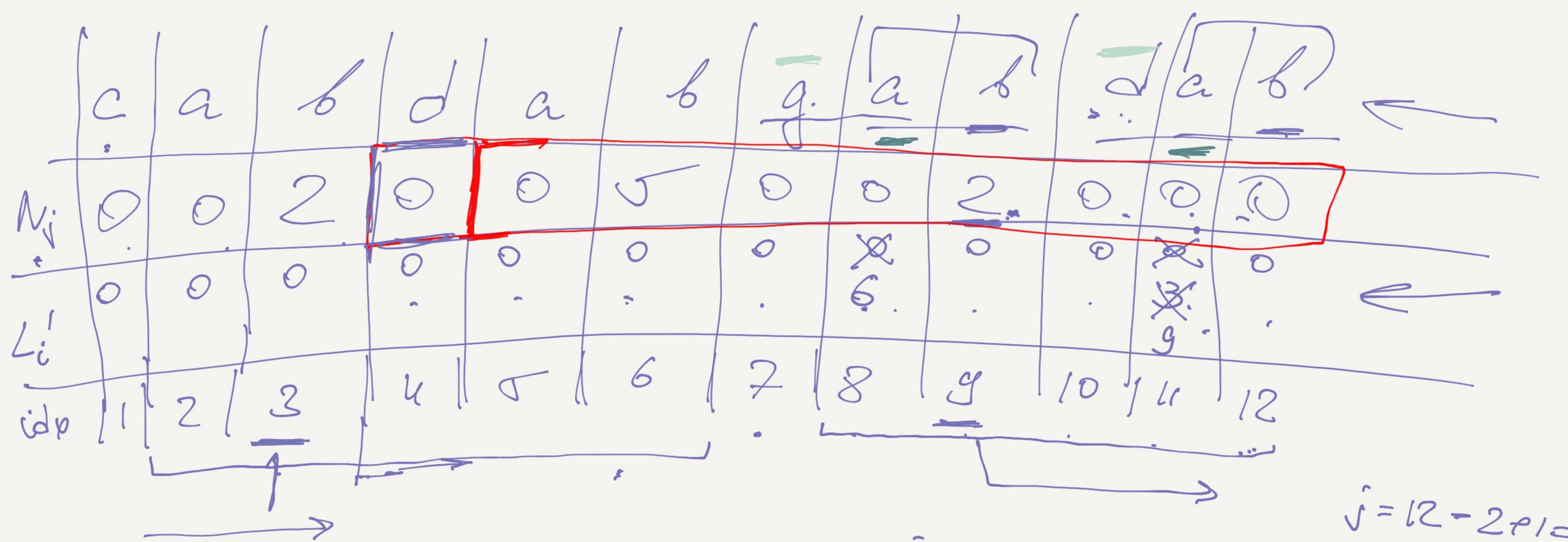


$$g - \Theta + 1 = 10$$

$$\begin{aligned} i &= 3 : g - 2 \times 1 = 8 \\ L_8' &= 3 \end{aligned}$$

for $i = 1 \text{ to } n-1$:

$$\begin{cases} L_0' = n - N_0 + 1 \\ L_j' = i \end{cases}$$

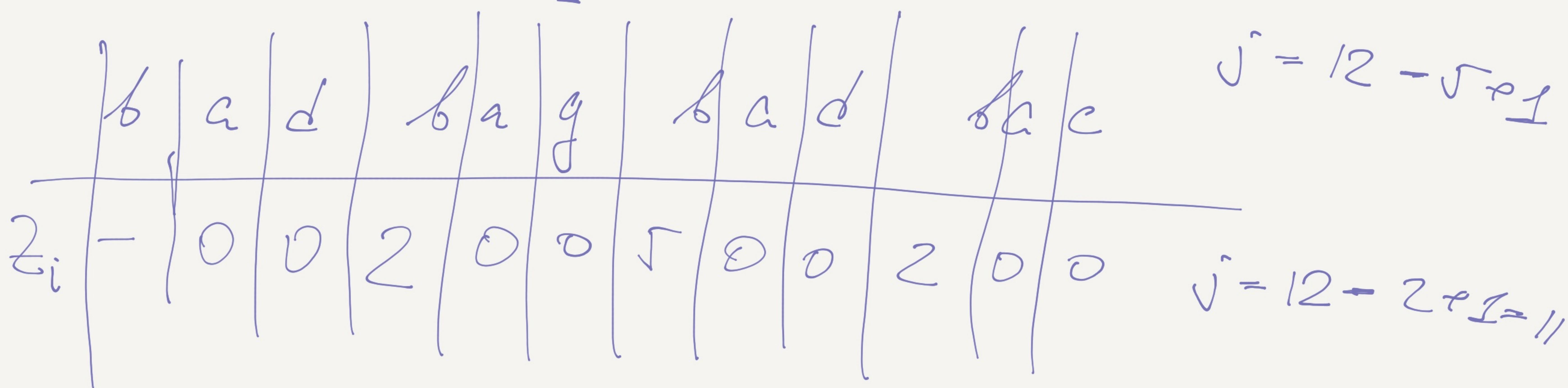


$$N_g = 2.$$

cabdaba
cabdalgaba

$$\begin{aligned} j &= n - \underline{\underline{n_i}} e_1 \\ n - 0 e_1 &= n e_1 \end{aligned}$$

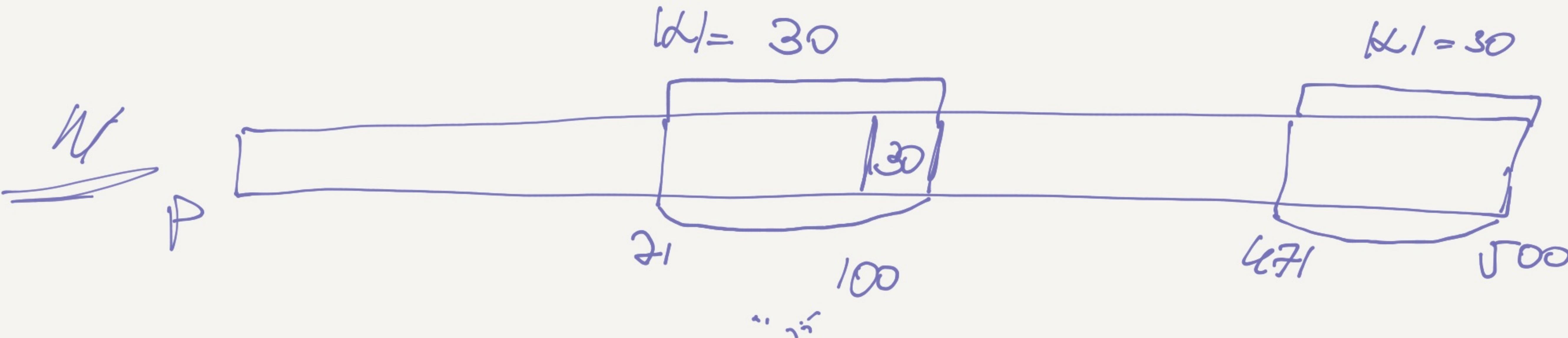
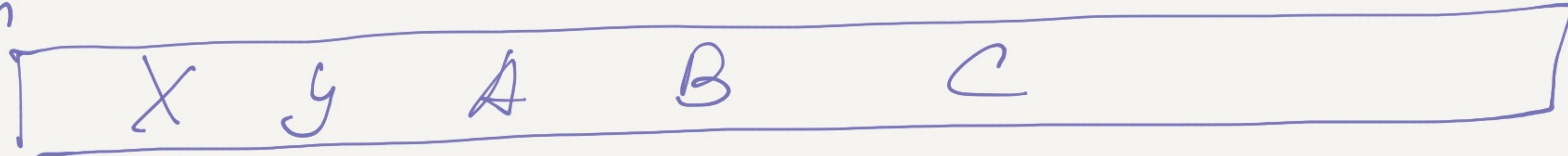
$$j = 12 - 2e_1 = 11$$



$$j = 12 - 2e_1 = 11$$

$$j = 12 - 5e_1$$

Pattern



$$P: N_{100} = 30.$$

$$P_{T00} = P_{100}$$

$$P_{450} = P_{350}$$

- - -

$$P_{471} = P_{271}$$

$$P_{470} \neq P_{270}$$

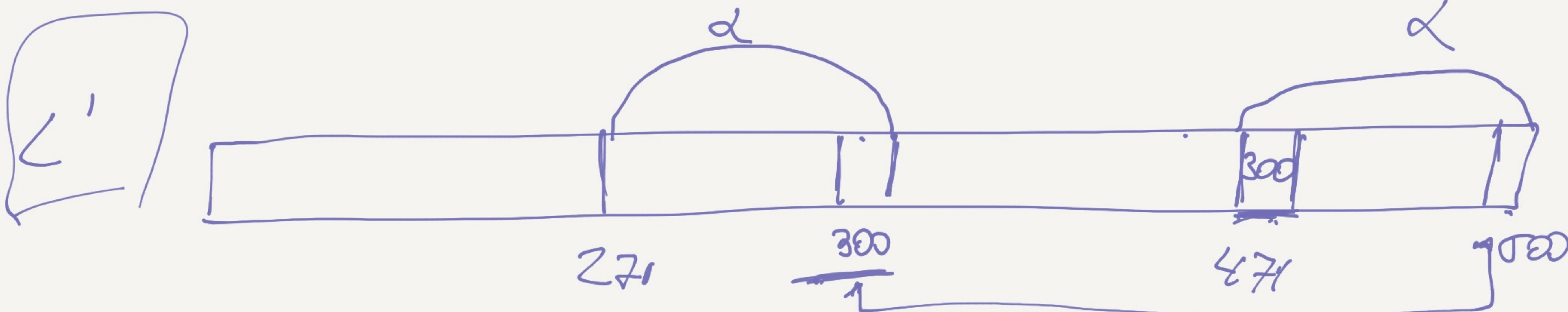
$$P_{T00} = P_{300}$$

$$P_{450} = P_{250}$$

- - -

$$P_{421} = P_{221}$$

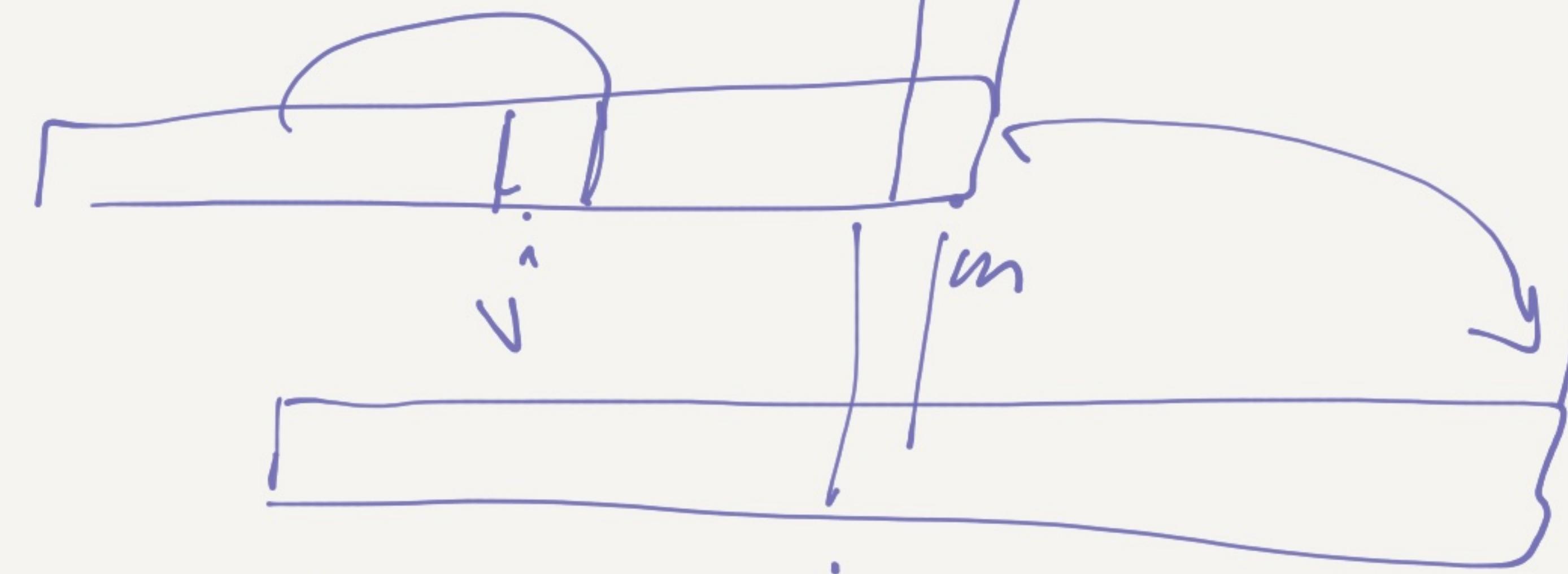
$$P_{470} \neq P_{270}$$



Text

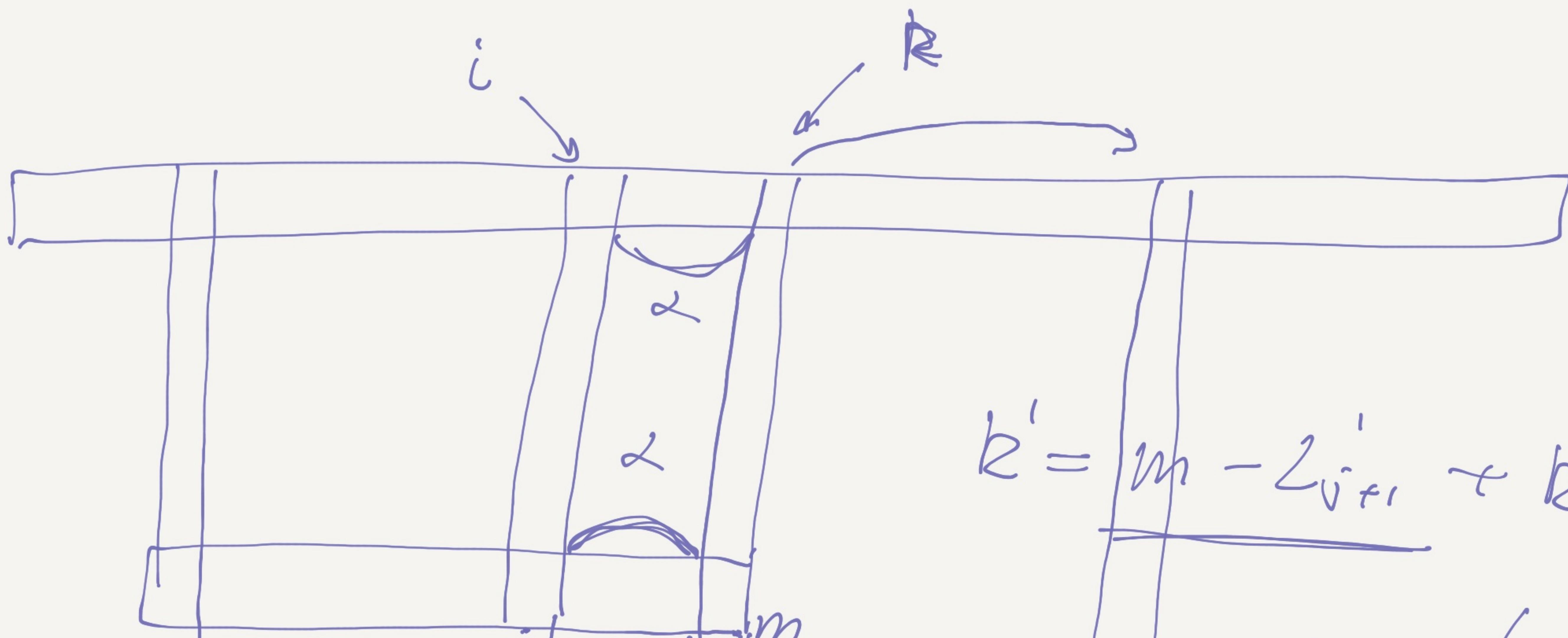


Pattern



$$\begin{aligned} m-j \\ i \neq m-j \\ j = m \end{aligned}$$

A set of equations and inequalities. The first line shows $m-j$. The second line shows $i \neq m-j$. The third line shows $j = m$. A bracket under the first two lines indicates they do not hold true simultaneously.



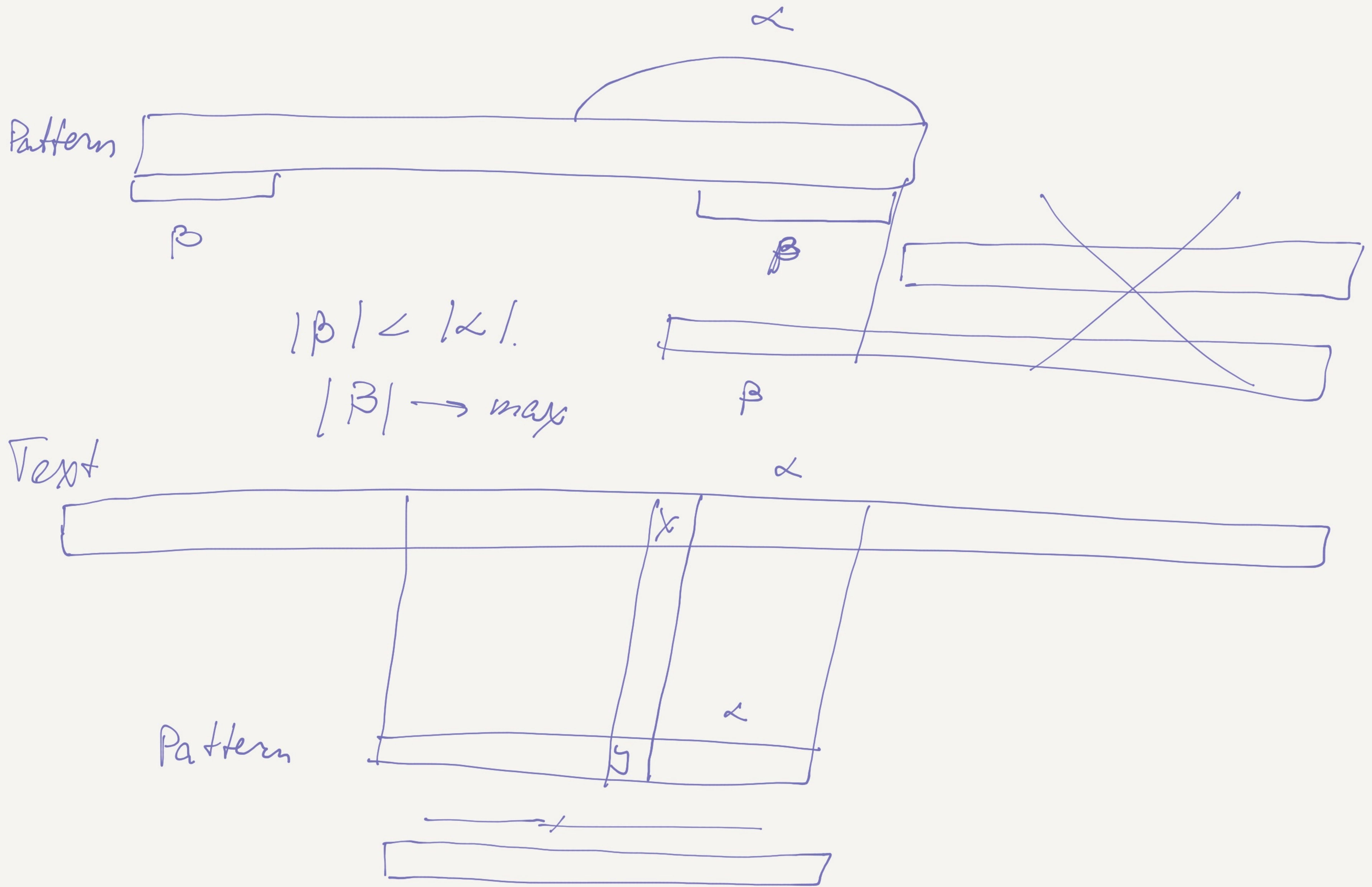
$$k' = \underline{m - \angle_{j+1}^i} + k.$$

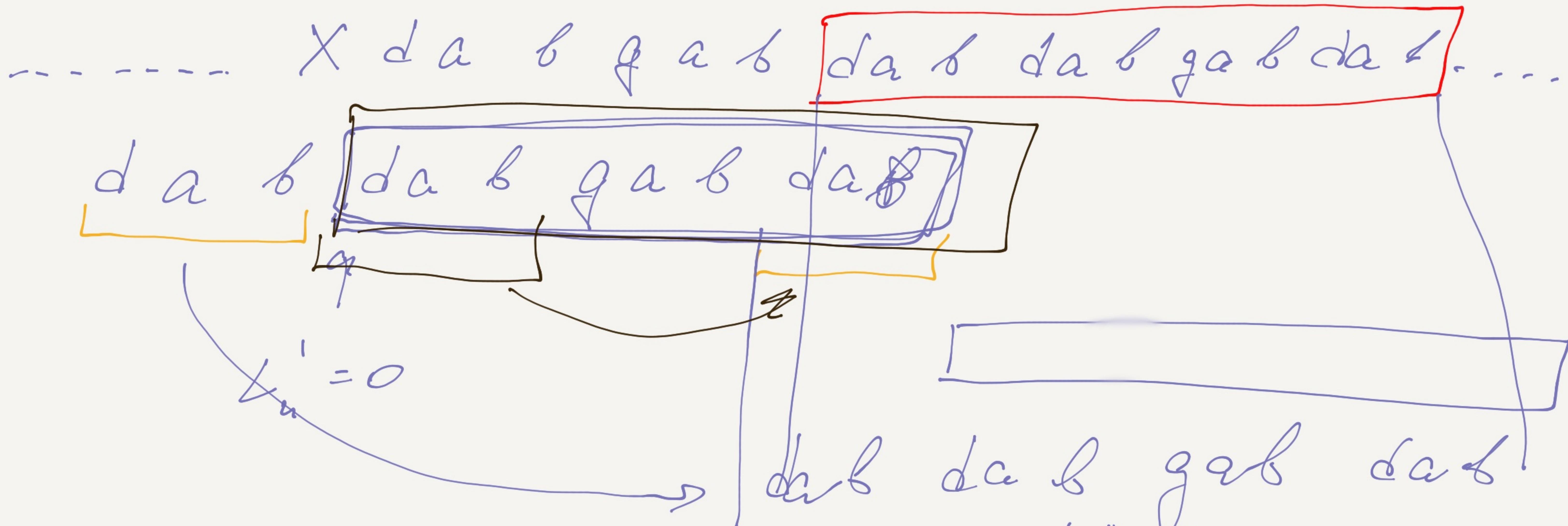
$$\underline{k' = k + (m - \angle_{j+1}^i)}$$

$$\underline{i = k'}$$

$$\underline{j = m}$$

$$\angle_{j+1}^i$$





for $i = n \rightarrow 1:$

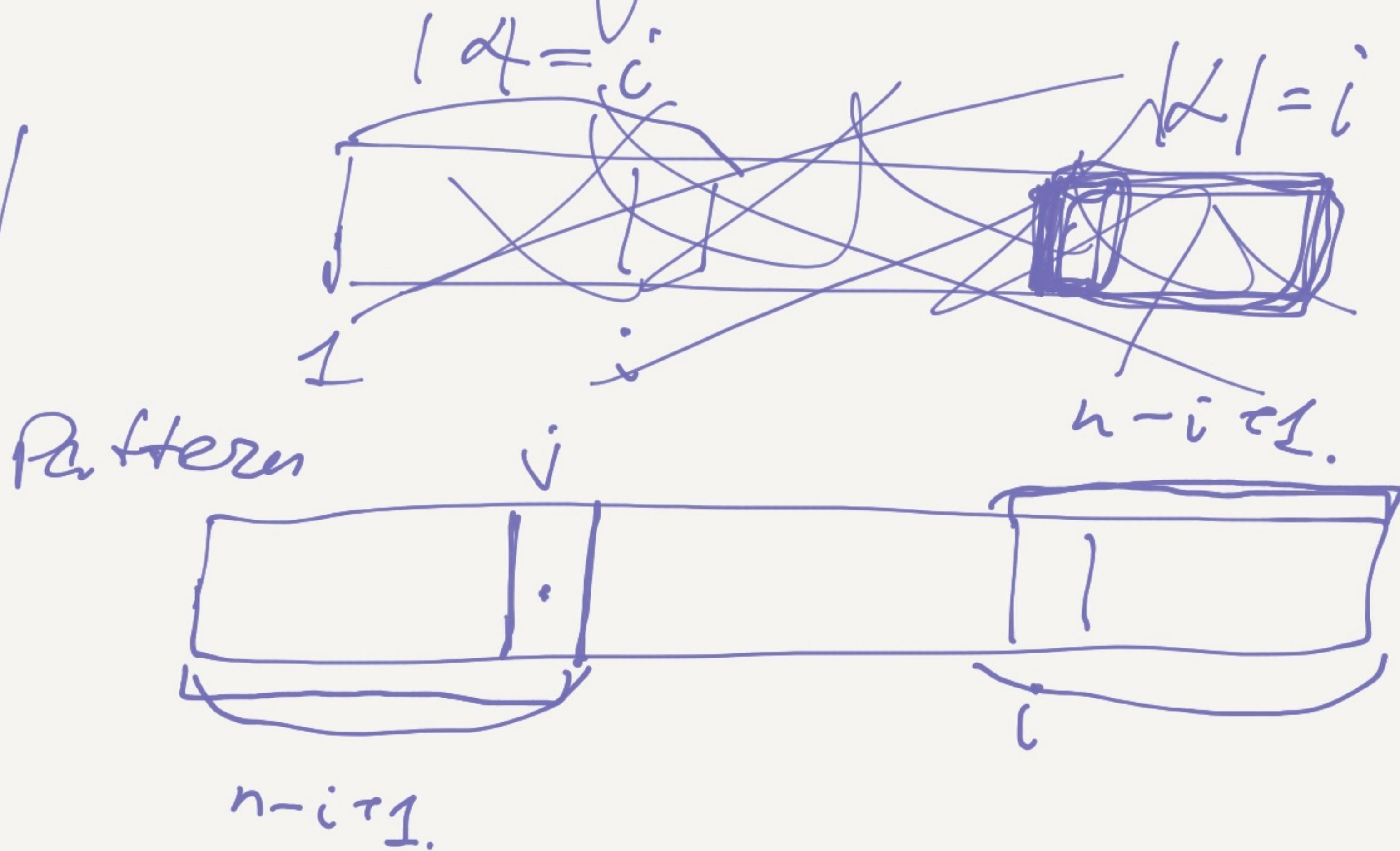
$$j = h - i + 1.$$

if $N_j == j:$

$$l'_i = j$$

else

$$l'_i = l'_{i+1}$$



$$a_j = j$$

	a	b	a	b	c	a	b	a	b	
n_j	0	2.	0	4.	0.	0.	2.	0.	0	
l_i'	4	4	4	4	4	4	2	2	0	0
idx	!	2.	3.	4.	5	i	?	8	9.	

$$j = n - i + 1$$

$$n_j = j$$

\angle_i'
 ℓ_i'

$m - \ell_2'$

ℓ_2'

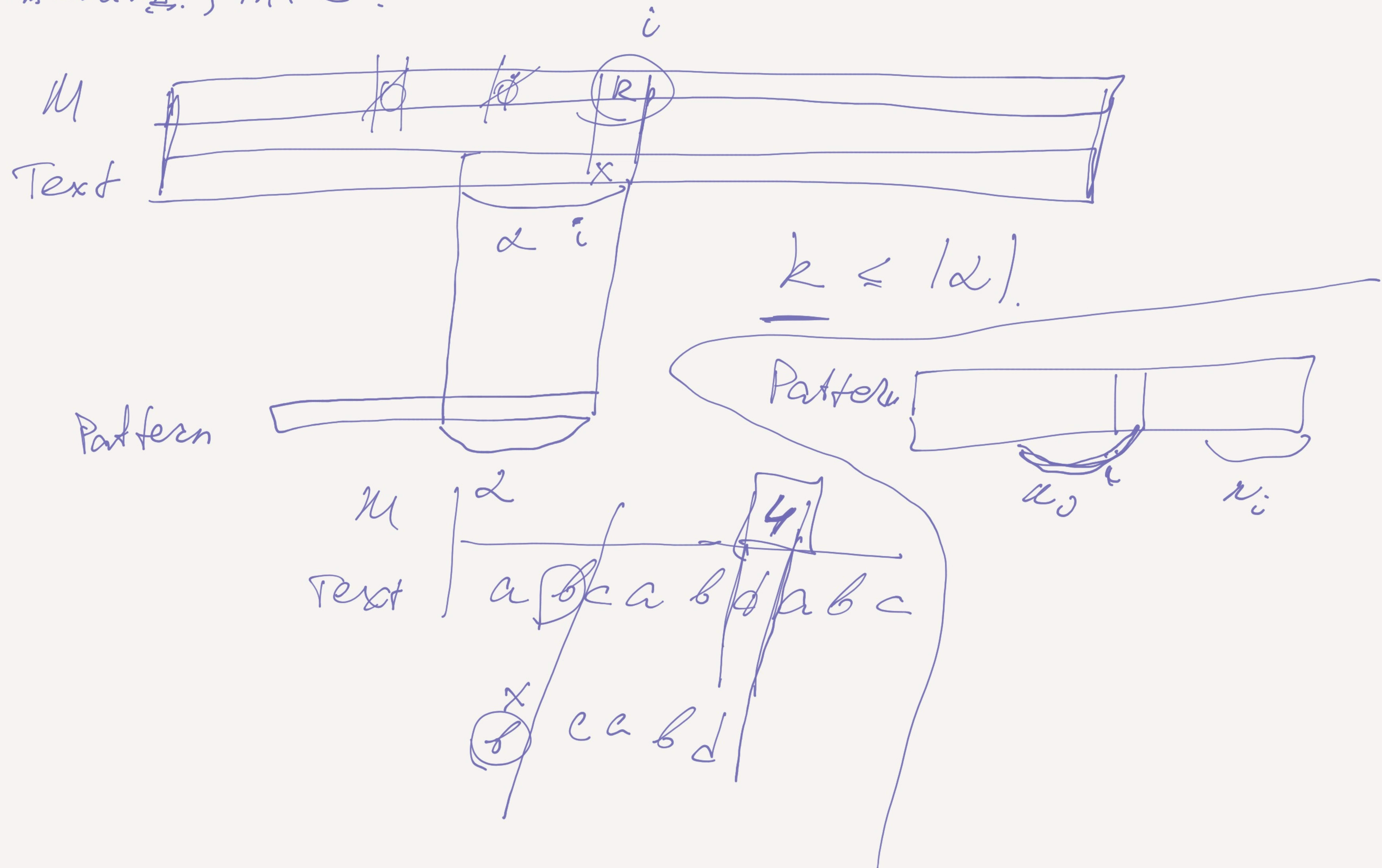
b c [a b a b]

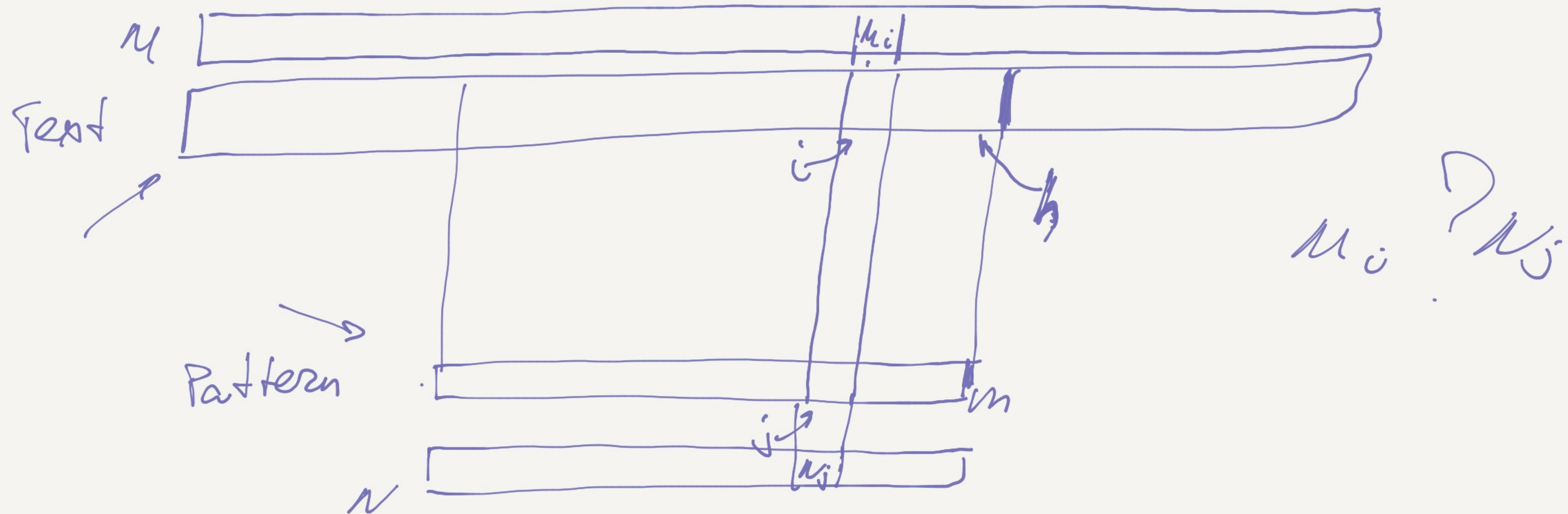
[]

ПРОДОЛЖЕНИЕ В 13:03 :=)

Алгоритмico - Аддикапро

Годунов., гл. 3.





i) $M_i = ?$

$$T_i = P_j \rightarrow \begin{matrix} \dots & i \\ \dots & j \end{matrix}$$

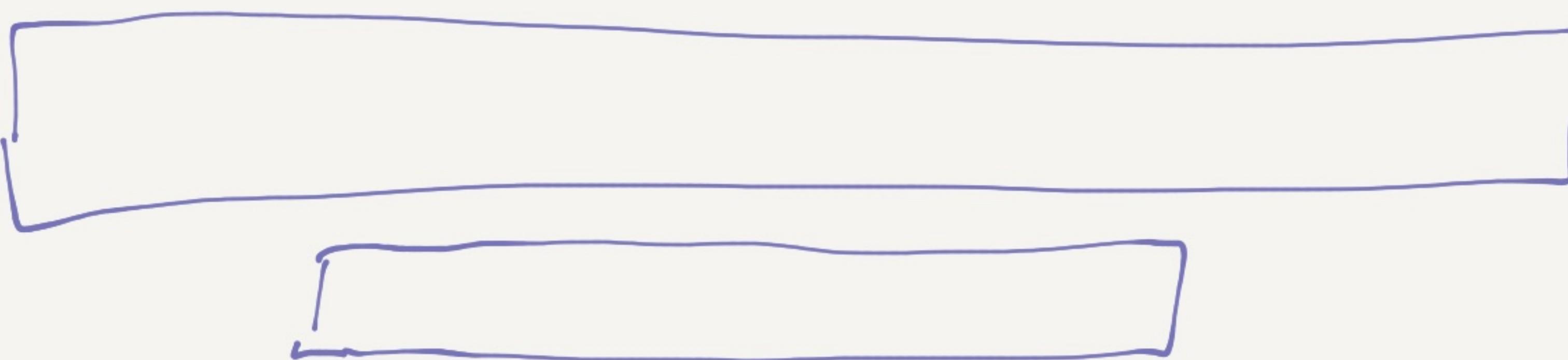
$$M_i = \mu_j = 0$$

$j=1$ \rightarrow выходление с i -ого символа

$$T_0 \neq P_j$$

$$\boxed{M_h = m}$$

Text



Test

X	b	c	b			
a	b	c	b	c	a	
1	2	3	4			
				0/2/3		
				4		

M

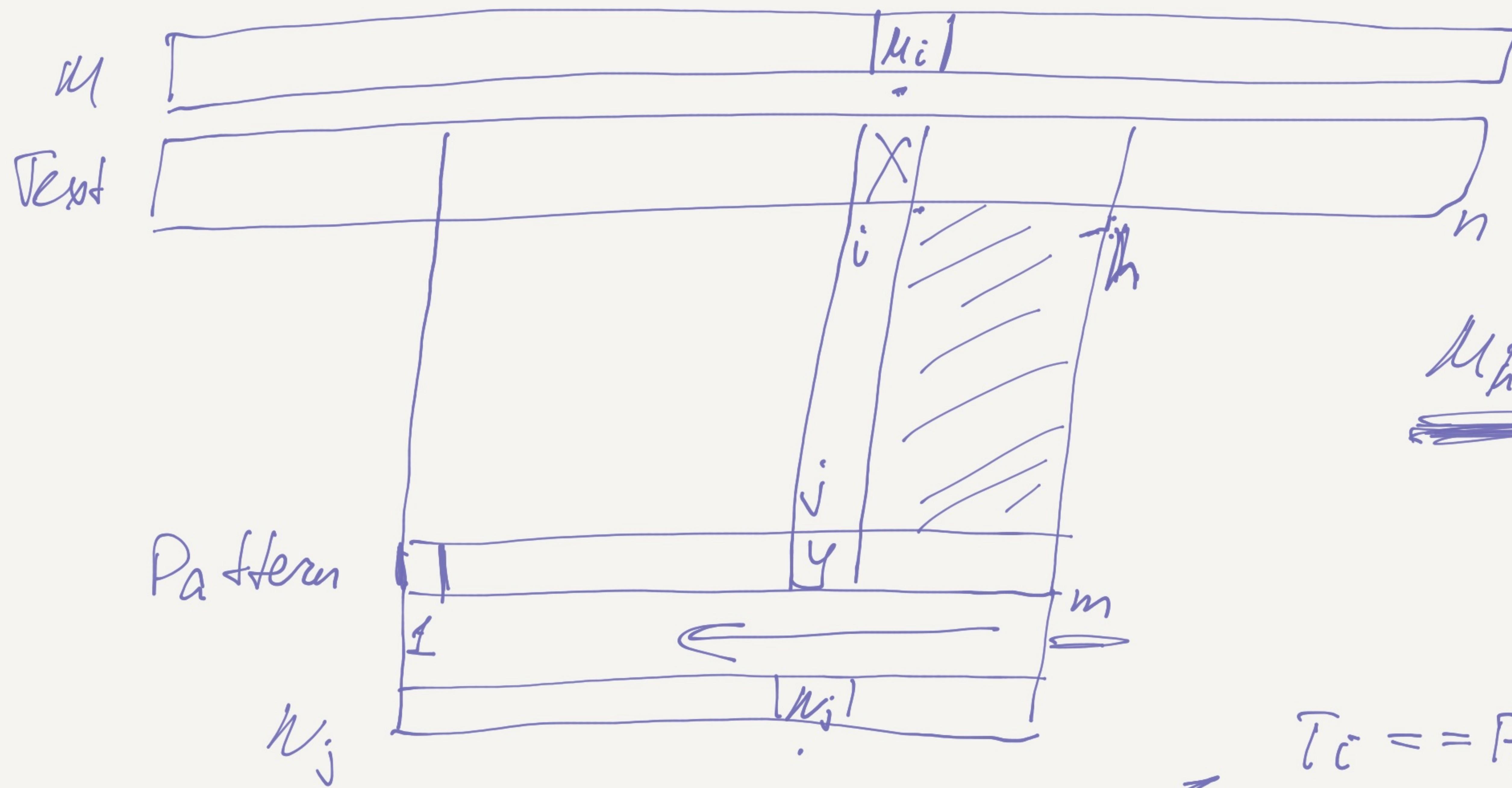
0 - 3

$M_i :$

P_{-Xbcf}

a b c f

X b c f



1) w_i - не отредактирован

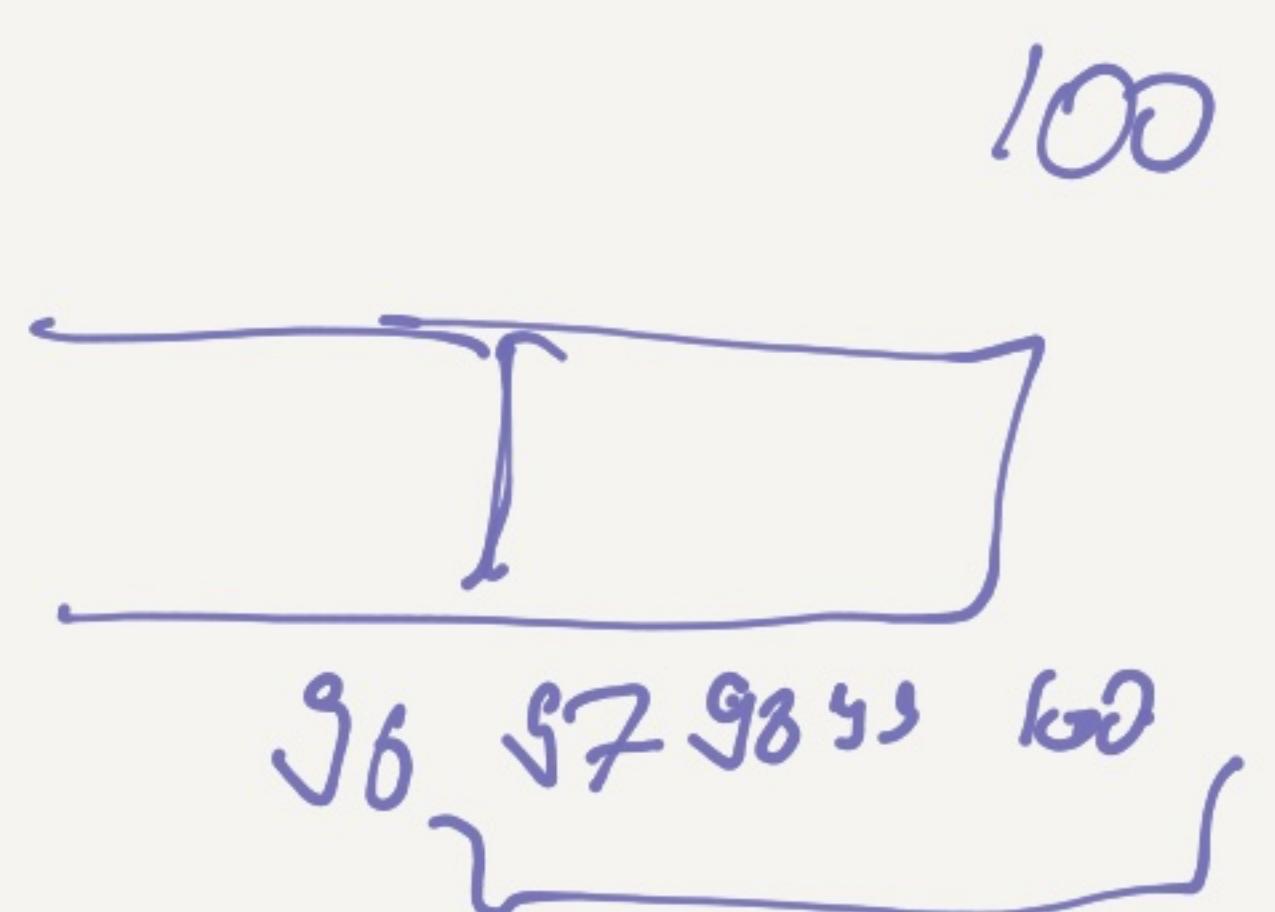
$$n_i = n_j = 0.$$

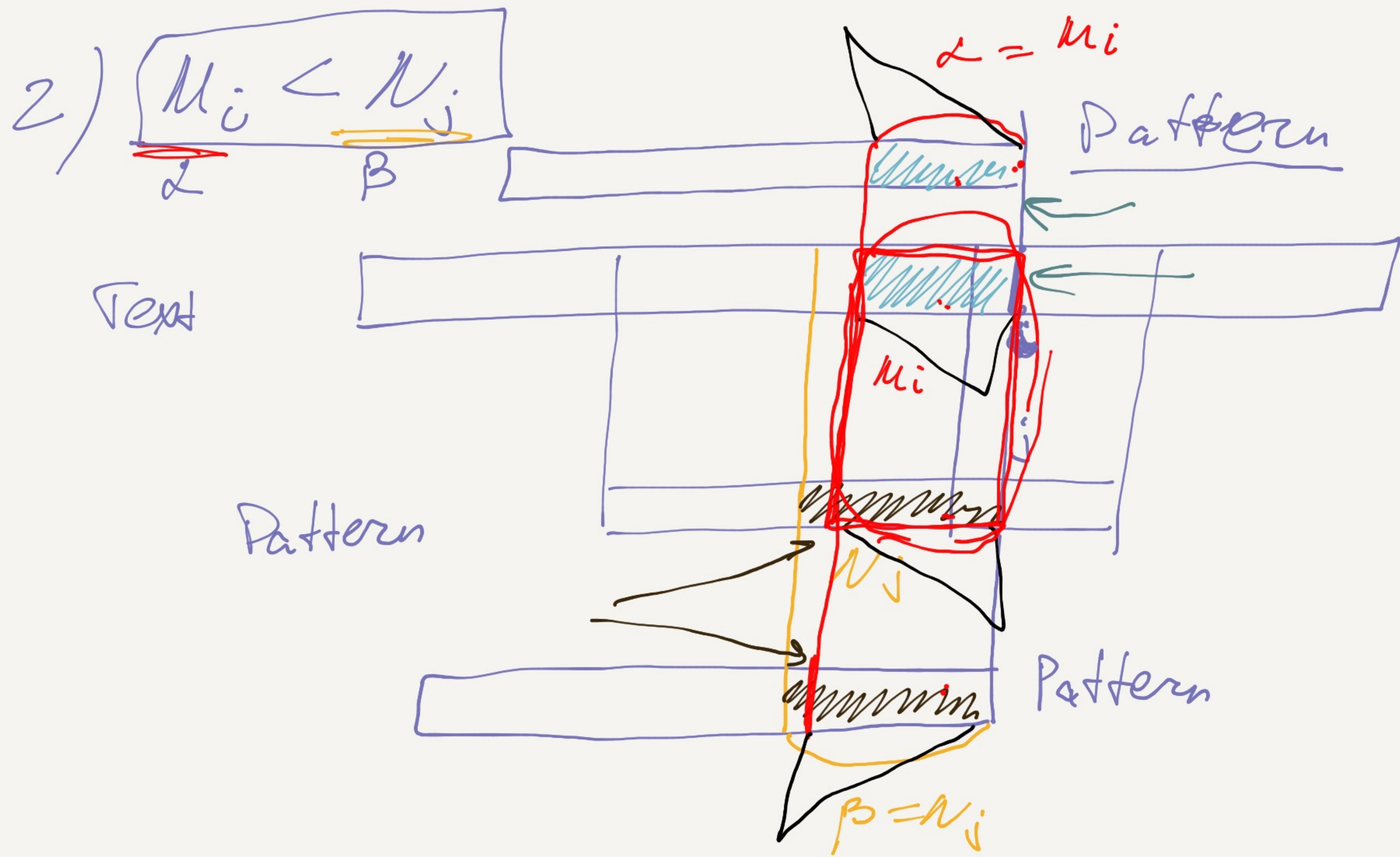
$$T_i = P_j$$

$$\begin{array}{c} \text{БХОХДЕНЧ.} \\ T_i \neq P_j \\ T_i = P_j \end{array}$$

$j=1$
 $j > 1$
 i
 $-j$

$$\mu_{\alpha} = 100 - 96 = 4.$$





M_i

Text

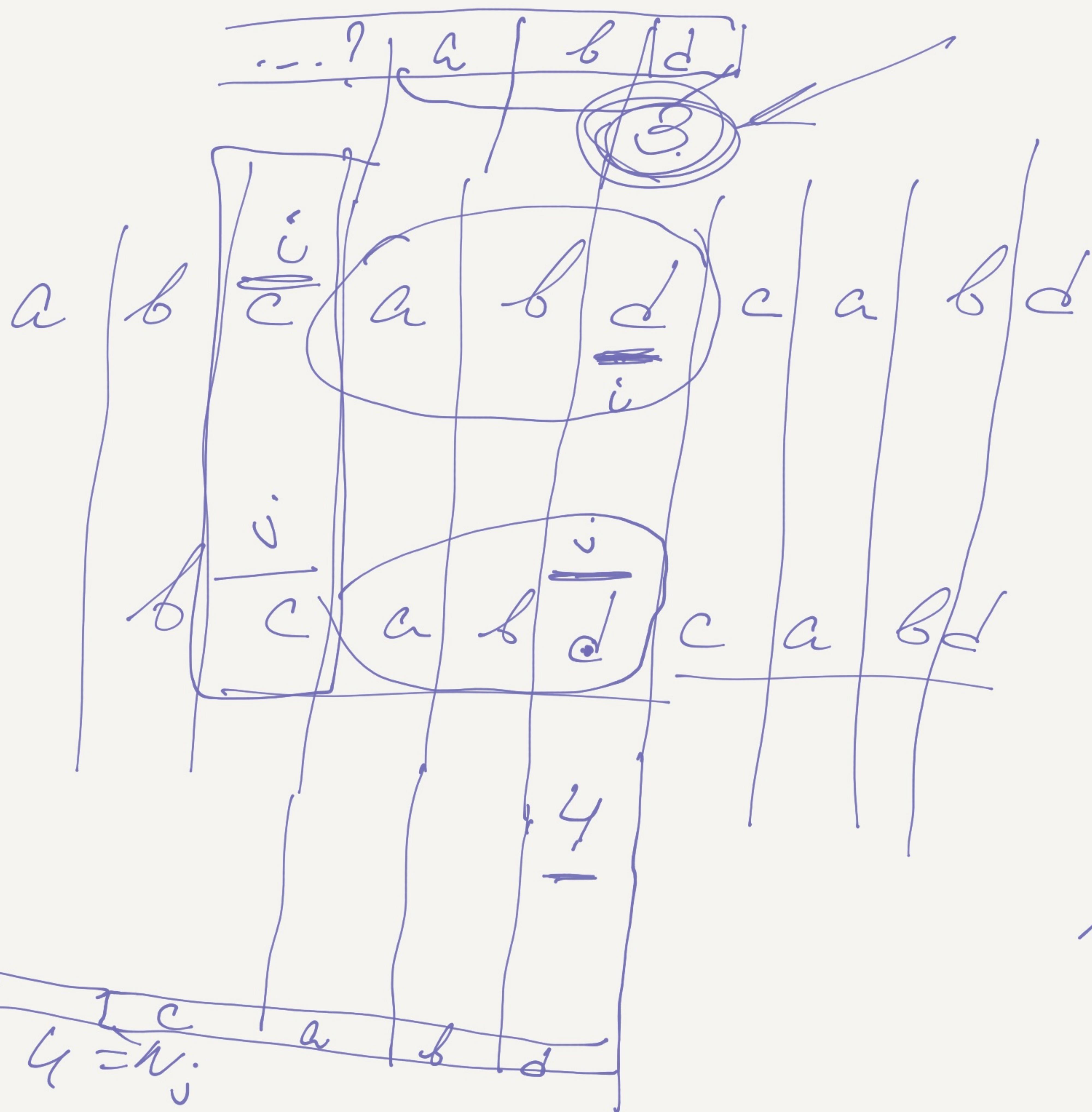
Pattern

n_j

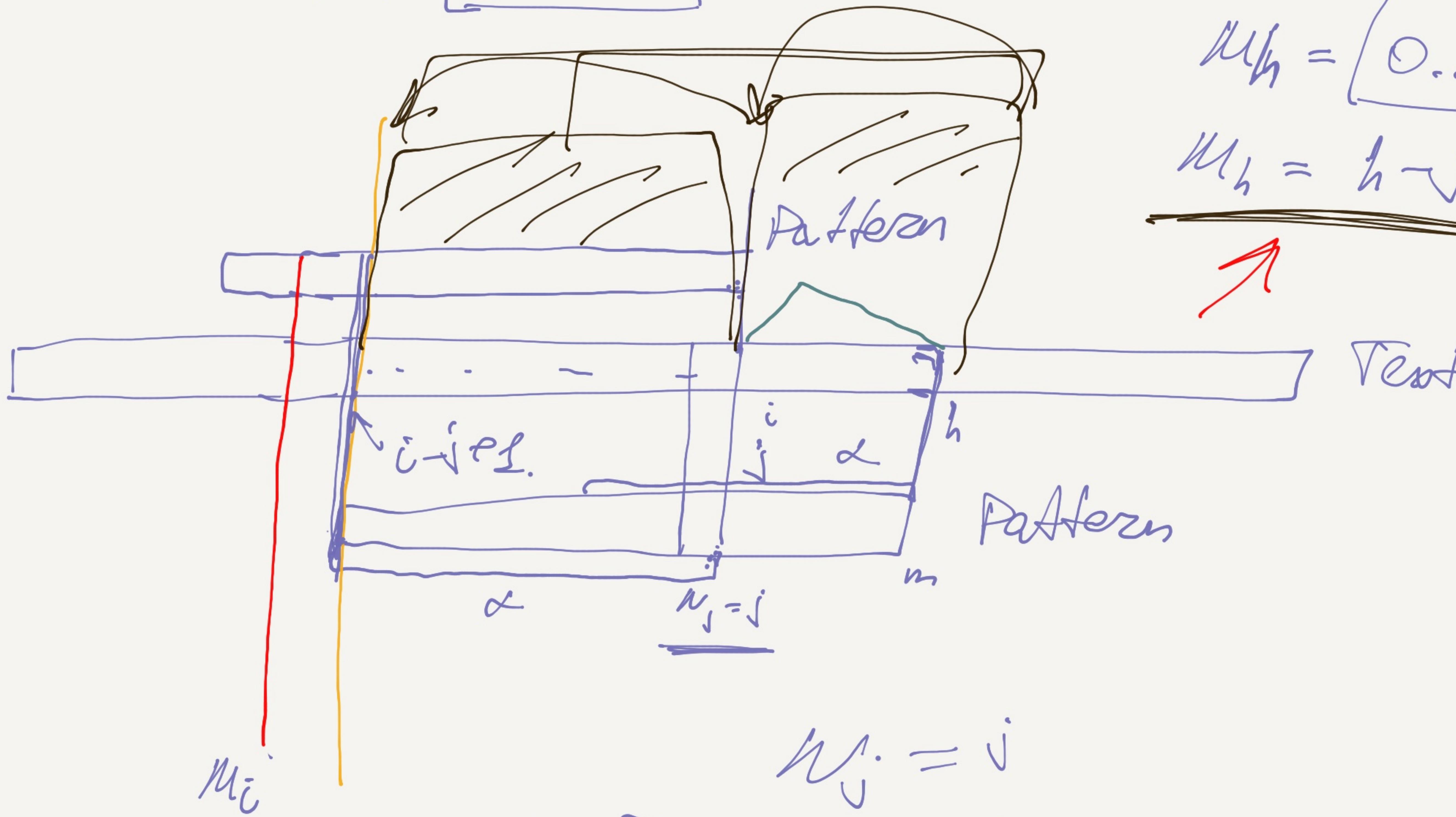
M_i

$$M_i = 3 < 4 = n_j$$

$$[M_i] < n_j$$

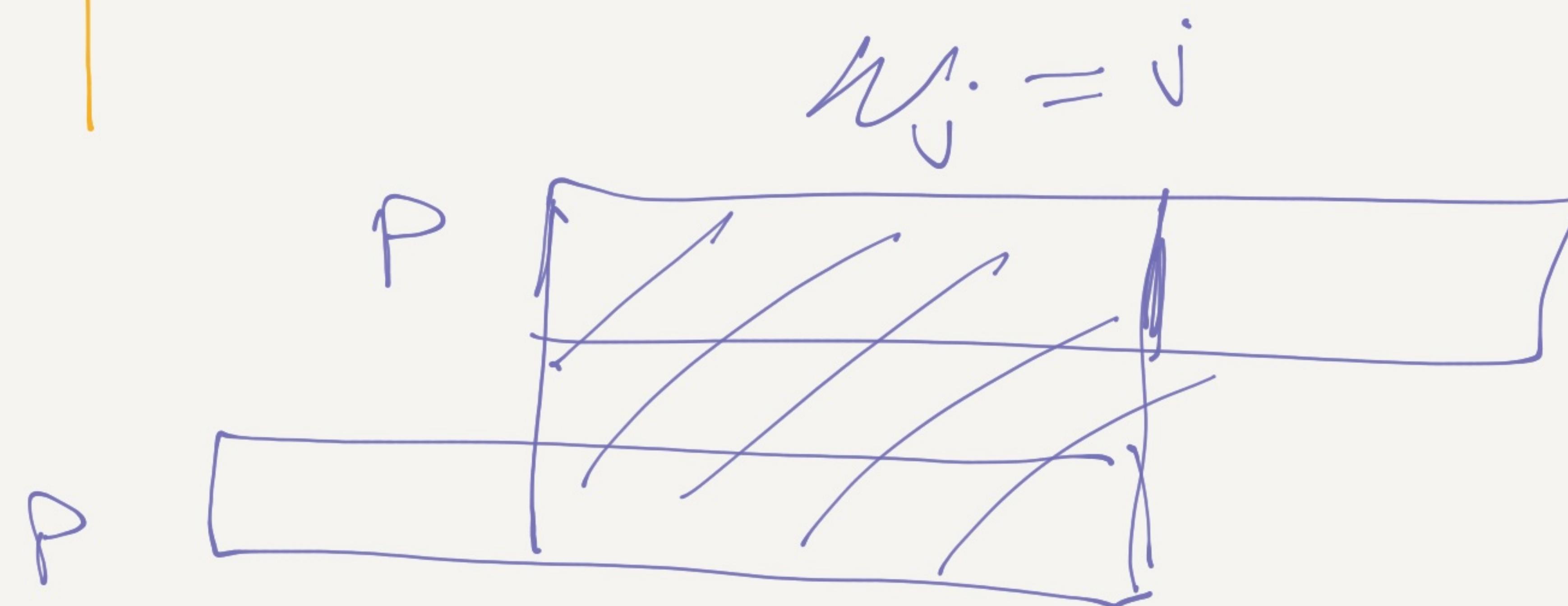


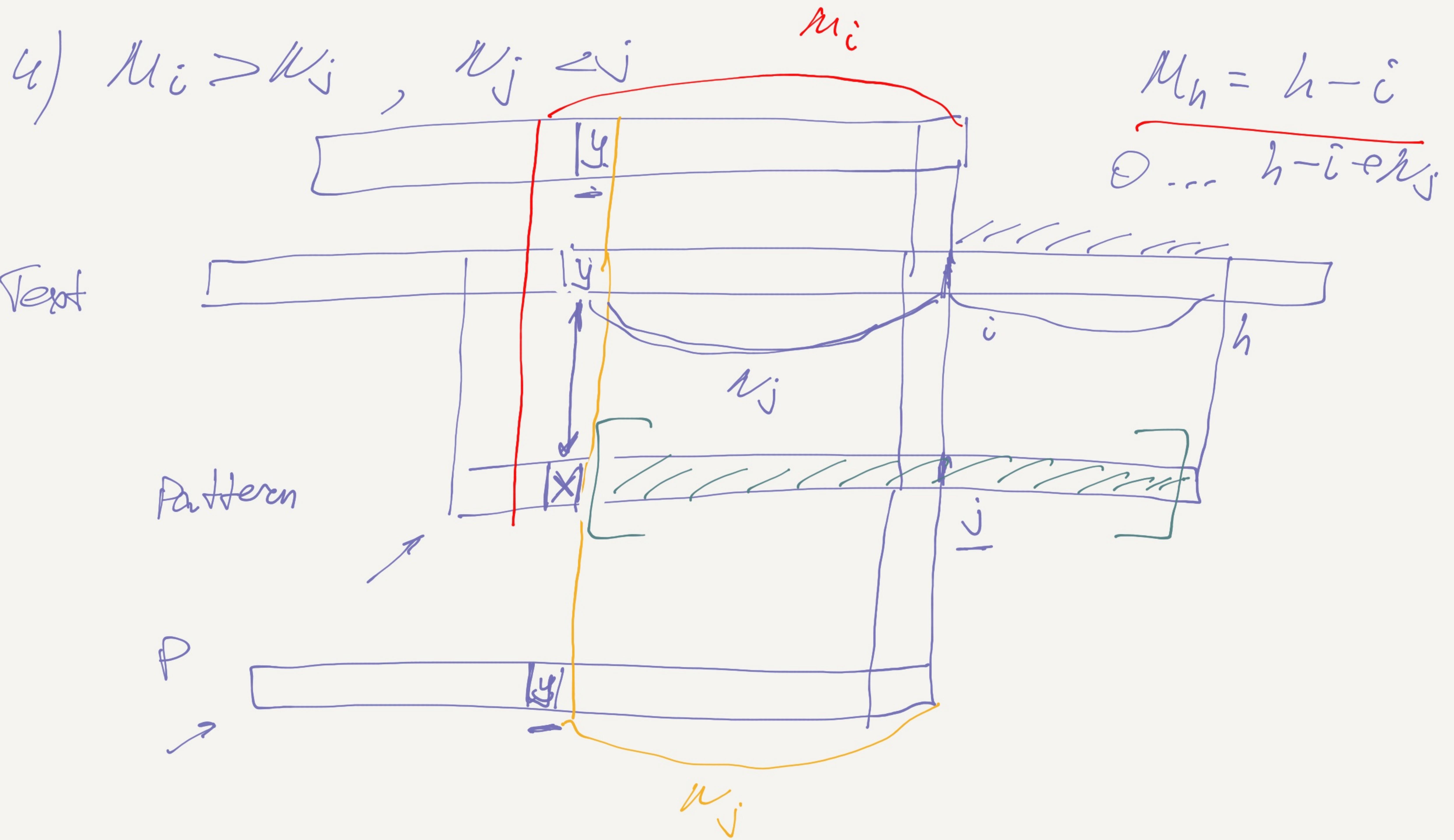
$$3) M_i \geq N_j \rightarrow (n_j = j)$$



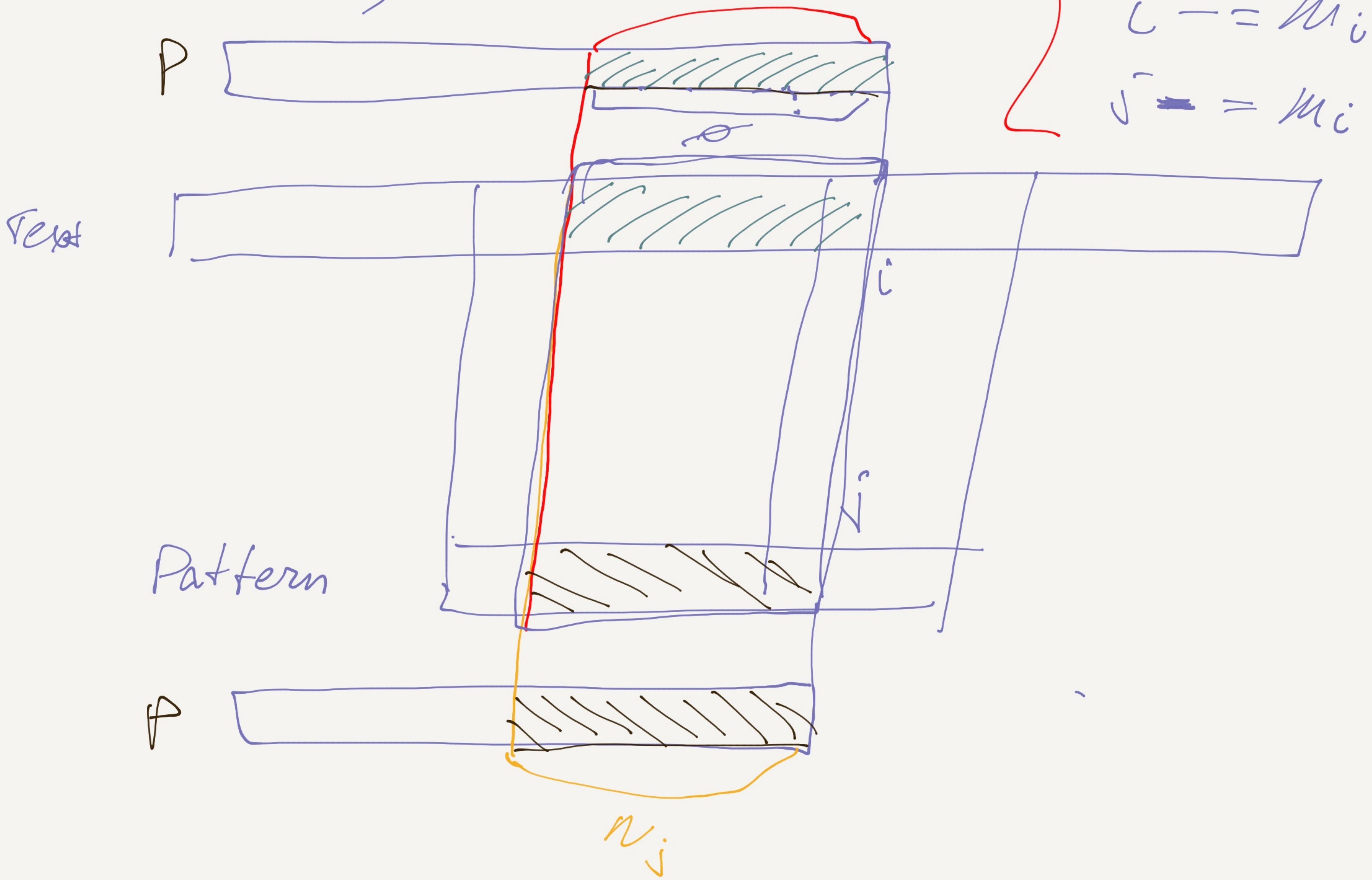
$$\begin{aligned} M_h &= [0 \dots m] \\ M_h &= h - j \end{aligned}$$

↗

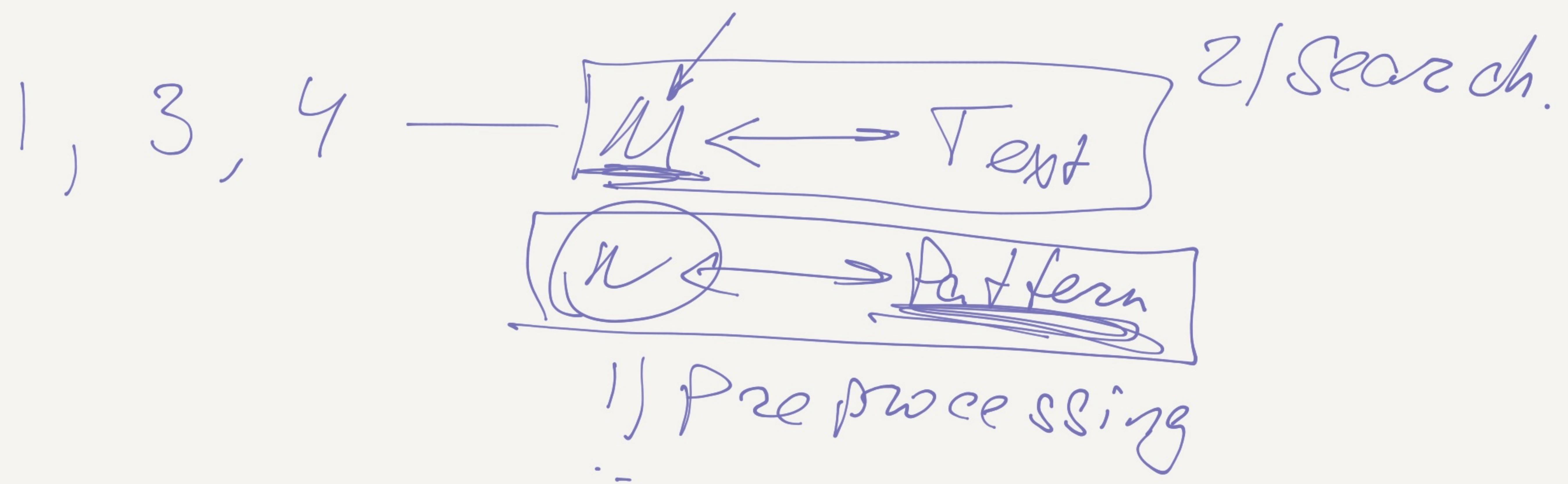




$$5) M_i = N_j \quad , \quad 0 < N_j < j^* M_i$$



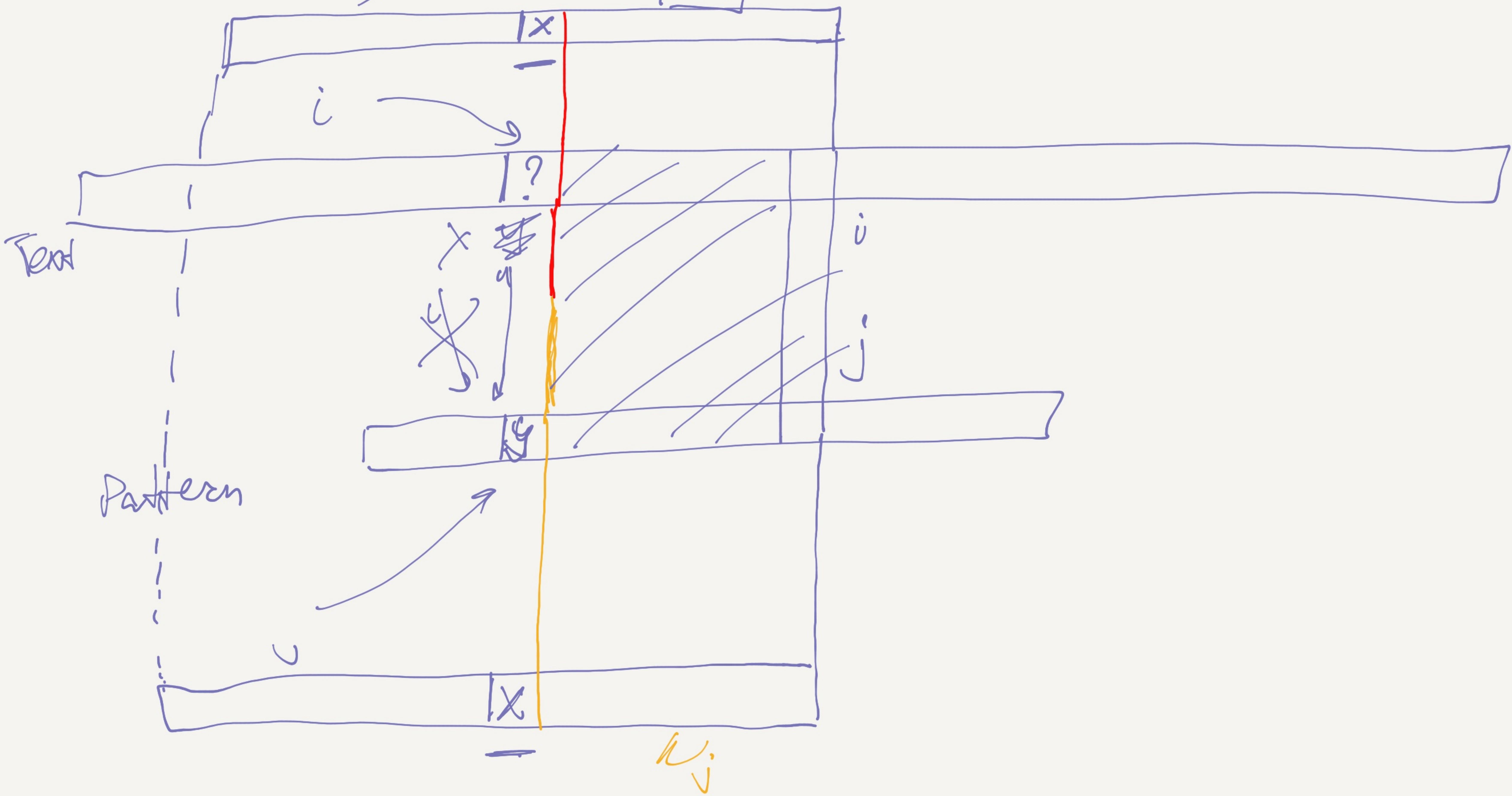
- * 1) M_i - ре ординація $\| M_i = N_j = 0$
 - 2) $(M_i < N_j)$
 - * 3) $M_i \geq N_j, N_j = j$
 - * 4) $M_i > N_j, N_j < j$
 - 5) $M_i = N_j, 0 < N_j < j$
- $M_i \geq N_j$
- $M_i \geq N_j, N_j \neq 0$
- $M_i \geq N_j, 0 < N_j < j$



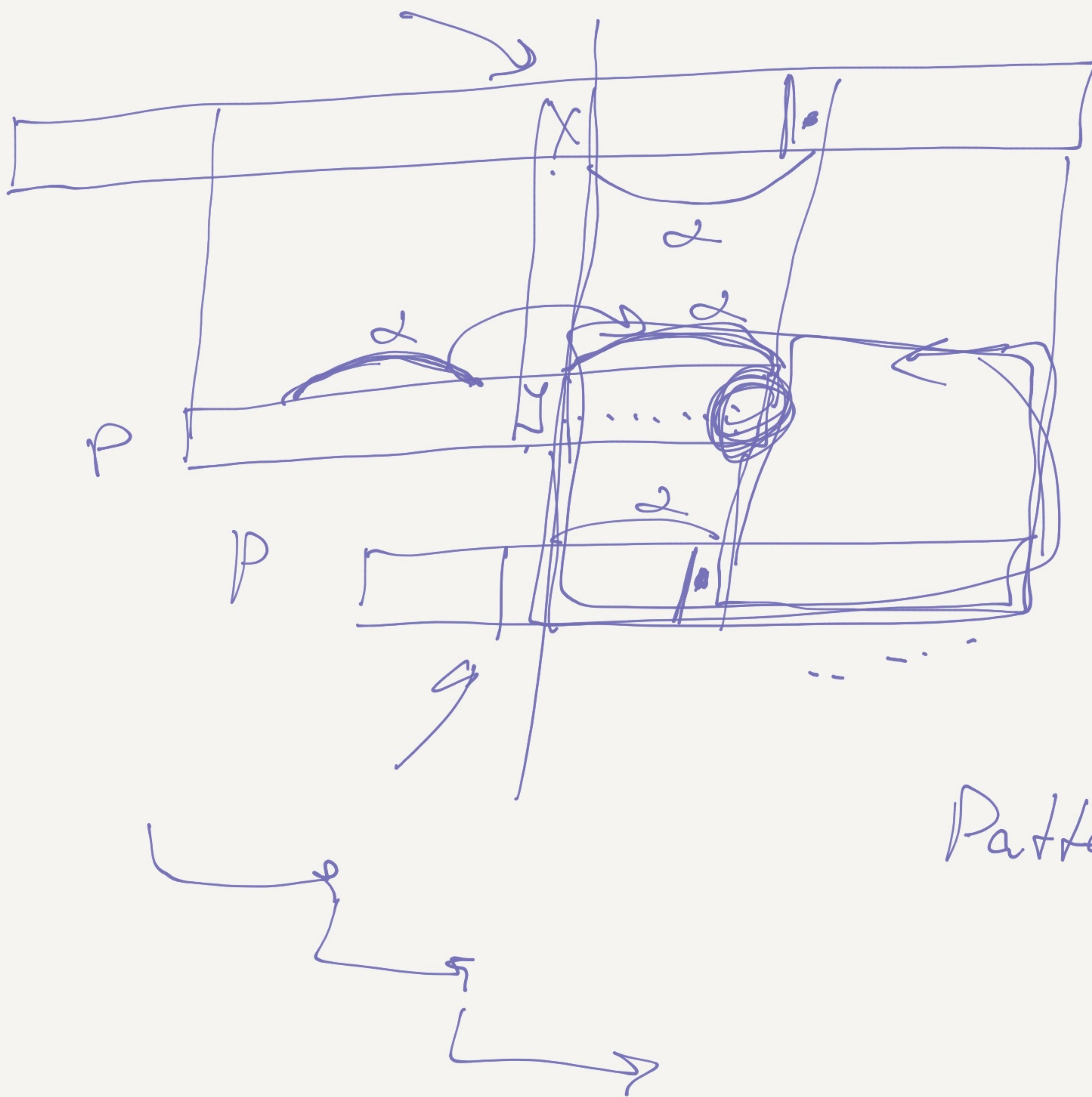
$$M_i = N_j$$

$$0 < \alpha_{ij} < \nu$$

M_i



Test



Pattern $\rightarrow Z(P^R)$

$w(s)$

Aho-Korachuk

$O(n+m)$

|Text| |Pattern|

$$\begin{array}{ll} P_1 & |P_1|=m_1 \\ P_2 & |P_2|=m_2 \\ \vdots & \cdots \\ P_z & |P_z|=m_z \end{array}$$

$$m = \sum_{i=1}^z m_i$$

$$O(m + z \cdot n)$$

$$P_1 \rightarrow R_1$$

$$P_2 \rightarrow R_2$$

— — —

$$P_z \rightarrow R_z$$

$O(n + m + k)$

|Text| $\sum_{i=1}^z |Pattern_i|$

Число переходов

$$k = \sum_{i=1}^z R_i$$