## NEKUUA 3

## YUCNA FUPBULLA

XOTUM CYUTATE YUCAO PAZAOWEHUUT NEPECTAHOBKU B NPOUZBEAEHUE TPAKCNOZUWUT

 $S_n$ - regiona nepectahorok ha 3n-tax 1,2,..., n (123)(14) = (1423) Neperhowharm charge m transposition

Tmo Tm-10 - o T20 T1 - npouse. m TPAKChosuyuu

BUKNUTECKUUT TUN NEPECTAKOBKU — 3TO
HABOP AMUH HEBABUCUNUK SUKNOB

6 = (123)(45)

PASSUETULE WHEN n - pasnower (5=3+2)

 $N = \mathcal{Y}_1 + \mathcal{Y}_2 + \dots + \mathcal{Y}_K$   $\mathcal{Y} = (\mathcal{Y}_1, \mathcal{Y}_2, \dots, \mathcal{Y}_K)$ 

MOURO TAKE BANGATE U=1 2 - 1 Kn
(T.E. I BOWNO B & K, PA3,...)

One Mecbasine micho Typhuma

$$h_{m,\nu} = \frac{1}{n!} \left\{ T_{1},..., T_{m} - TPAHCNO3UUUU \in S_{n}, T.4. T_{m} \circ ... \circ T_{n} \right\}$$

370 NEPECTAHOBKA WUKNUWECKOTO TUNA U

M- YUCLO TPAHCHOSULJULI

## CBOUCTBA

1) ECM 6 4 6, UNEFOT DAUMAROBOUT BURNUY.
TUN, TO  $\exists 2 \in S_n : 6 = 262^{-1}$ 

Ecru 6=7mo...07, 70 6=27m20...027,21

(=>Onp.,, nepectarobra yurnur tuna v" ROPPEKTHO)

2) I min m ANA KOTOPOTO TAKOE

PASNOWEHUE CYWECTBYET ANA PUKC. N

m=4EPE3 n, N?

(m=n-l(y)), the l(y) - ron-bo warnob

(T.K. YUKA AMUHUN K PACKAAANUBAETCA)
HE MERKEE WENN B K-1 TPAHCNOSUBUHO)

 $=>m=\nu_1-1+\nu_2-1+...+\nu_{\kappa}-1=n-k=n-l(\nu)$ 

( $\hat{z}_{1},...,\hat{z}_{k}$ ) - yukh Anuthi k ( $\hat{z}_{1},\hat{z}_{2}$ )( $\hat{z}_{2}\hat{z}_{3}$ )...( $\hat{z}_{k-1}\hat{z}_{k}$ ) ux k-1

novems mendine k-1 herbsg? Notomy 400 nou convenience ()(ij) commended (ij) comme

3) BCE M, ANA KOTOPOLX PAZNOMERNE I, UNETHOCTO COBNAMET C METHOCTO COBNAMET C METHOCTOLO NEPECTAROBKU

Nource	(TEOPENA)
	2

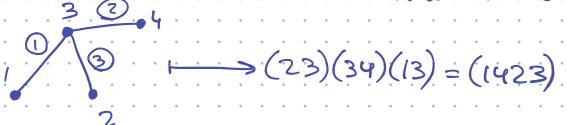
 $h_{n-1,n'}=n^{n-3}$ 

B NPOUZE N-1 TPAHCNOZUBUU

PACCIA: AEPEBO MA N BEPWURAX PEBPY CTABLEM B COOTB. TPAHCNO-34440 (i,j)

BAHUNEPUEM PEGPA

BCENY AEPEBY -> NPOUSBEAETHUE TPAHEN,
HANNCARTHUX HA PERPAX



JTB. T- AEPEBO HA N BEPLLUHAX C NPOUSBONGHOU HYMEPALLUEG BEPW. U PEBEP, TORAA COOTS. NPOUSB. TPAHCNOSUULU - 3TO AMHHOU WUKN B Sn

1-30: Tn-10.-0T (1,j).6 (i,j)

KAK TPAHCNOZUWUA YNUEDU. HA NEPECTAHOBKY?

1) ECRUE 1, J & 6, TO HULLETO HE MOUCKO AUT

2) Ecru 
$$i \in 6$$
,  $j \notin 6$   
 $(ij)(-1i2---)=(--1ji2---)$ 

$$(ij)(1i23j4) = (1j4)(i23)$$
 "PA3F

MONGYUNACO BUEKUUA

NOCHUTAEN AEPERBA! 
$$n^{n-2}(n-1)! \Rightarrow$$

 $n_{n-1,n} = \frac{n^{n-2}(n-1)!}{n!} = n^{n-3}$ 

Onp.

## CBA3HOE NPOCTOE YUCAO TYPBUNA

$$m=3$$
 $h=3$ 
 $h=3$ 
 $h=1/2!$ 
 $h=1/2!$ 
 $h=1/2!$ 
 $h=3$ 
 $h=3$ 

$$h_{3,12} = \frac{1}{3!}(27-3) = 4$$