

за 07.04

Динамическая работа №6

	V_1	V_2	V_3	V_4	N_2
	B_1	B_2	B_3	B_4	
u_1	A_1	6	3	4	50
u_2	A_2	5	8	6	30
Π		20	25	15	

— кажишье 20 →

$$\begin{bmatrix} B_4 \\ 0 \\ 6 \\ 20 \end{bmatrix}$$

B_1	B_2	B_3	B_4	3	<p>обс. потерециями:</p> <p>$u_1 \geq 0; V_1 = 6$</p> <p>$u_1 + V_2 = 3 \Rightarrow V_2 = 3;$</p> <p>$V_3 = 4;$</p> <p>$u_2 + V_3 = 6 \Rightarrow V_2 = 2;$</p> <p>$u_2 + V_4 = 0 \Rightarrow V_4 = -2$</p>
A_1	20	25	5	50	
A_2		10	20	30	
Π	20	25	15	20	

обс. оценок: $\Delta_{ij} = c_{ij} - (u_i + V_j)$

~~Всего 4 варианта~~

$\Delta_{14} = 2; \Delta_{21} = 5 - (2 + 6) = -3; D_{22} = 3$

	B_1	B_2	B_3	B_4	3	$\left\{ \begin{array}{l} u_1 = 0; V_2 = 3; V_3 = 4; V_4 = \\ u_2 + V_1 = 5; V_1 = 5 \\ u_2 + V_4 = 0 \Rightarrow u_2 = 0 \end{array} \right.$
A_1		25	15	10	50	
A_2	20			10	30	
Π	20	25	15	20		

$$\{\Delta_{11}=6-5=1; \Delta_{22}=5; \Delta_{23}=2\} \neq 0$$

Bignobigs: Optm. sum.: $5 \cdot 20 + 25 \cdot 3 + 15 \cdot 4 + 0 =$
 $\underline{\underline{= 235}}$

N3

	B_1	B_2	B_3	3
A_1	2	3	1	20
A_2	5	4	8	25

— Gleichung 30 $\rightarrow [A_3 \ 0 \ 0 \ 0 \ 30]$

$\Pi \ 30 \ 25 \ 20$

	B_1	B_2	B_3	3
A_1	20			20
A_2	10	15		25
A_3		10	20	30

$u_1 \geq 0; v_1 = 2; v_3 = -1$

$u_2 = 3; v_2 = 1; v_3 = 1$

$\Pi \ 30 \ 25 \ 20$

$\Delta_{12} = 2; \Delta_{13} = 0; \Delta_{23} = 4$
 $\Delta_{32} = -1!$

	B_1	B_2	B_3	3
A_1			20	20
A_2		25		25
A_3	30			30
Π	30	25	20	

$u_1 \geq 0; u_1 = 2; v_3 = 1$

$u_2 = 0; u_3 = -2; v_2 = 2$

$\Pi \ 30 \ 25 \ 20$

$\{\Delta_{12} = 1; \Delta_{21} = 3; \Delta_{23} = 5$
 $\Delta_{33} = 1\} \neq 0$

Bignobigs: Optm. sum.: 120