PKS Augreeb J. UY8-71 ontunujayas NII Egyenobrad OSA. onplgenenus; y = 15-4x-x2 5-4x-x2>0 y'= 2x + 4 XE [-5;-1] 215-4x-x2 2x+4=0 4 (-2) = $\sqrt{5} + 8 - 4' = \sqrt{9}' = 3$ [N2] F=2x1-x2 -= max X1 53 1 X1 3-1 -2×1-3×2 56 -X1 + 2x2 567 G X2 5 2 X, +6 (1) (0,6); (-12,0) T.K. TOTKA A * X2 > -2 ×1-3 (2) Hautonee yganens OF F=0 & horomureren (0,-3); (-12,0) cropony, To A-max Al= 13,-53 = max (F,6 cBoso orepage, F(3,-5) = 6+5=11 плоскость => монти так расунидать) 1

N3 $8 \times 1 + 11 \times 2 + 12 \times 3 \Rightarrow max$ $|2 \times 1 + 2 \times 2 + 3 \times 3 + 2 \times 4 = 50 \times 50 \times 2 \times 2 \times 3 \times 3 \times 4 \times 4 = 50 \times 50 \times 2 \times 2 \times 3 \times 3 \times 4 \times 4 = 50 \times 50 \times 2 \times 2 \times 3 \times 3 \times 4 \times 4 = 50 \times 50 \times 2 \times 2 \times 3 \times 3 \times 4 \times 4 = 100 \times 500 \times 500$

1		Sio	Xı	×2	Xy
-	X3	50/3	2/3	2/3	1/3
	15	100-504	6-2.4	36-24	-4/3
	XG	150-50.8	4-3:8	6-2:8	-8/3
	F	50.12	-8+2:12	11+2.12	12/3

	310	Xı	XZ	Xy
X3	16,67	0,67	0,67	0,33
X5	33,33	3,33	2,83	-1,33
XG	16,67	-1,33	0,667	-2,67
F	200	0	-3	4

 $\begin{array}{l} N^{4} \\ F = 50 \times 4 + 100 \times 2 + 150 \times 3 \Rightarrow min \\ \int_{0}^{2} x_{1} + 6 \times 2 + 4 \times 3 \Rightarrow 8 \\ \int_{0}^{2} x_{1} + 5 \times 2 + 6 \times 3 \Rightarrow 41 \\ \int_{0}^{2} x_{1} + 5 \times 2 + 6 \times 3 \Rightarrow 41 \\ \int_{0}^{2} x_{1} + 4 \times 2 + 8 \times 3 \Rightarrow 42 \\ \end{array}$