77-

?2,?2,?3,?4 each 15 tons of product.

CI.G.G BO, 16, 14 tons respectively

Minimize the transportation cost

2 6 6 6	7		Ca	Cz	1 (2
12 100 100 500	Transporterion cost for	PI	50	50	25
P2 650 110 100	cont for monoporate tone is 0,5/1/m	P2	325		SO
P3 60 65 35	=>	13			33,5
Pylone title		2,	73	45	35
$=$ $\sum_{i=1}^{p_1} \frac{C_1}{50} \frac{C_2}{50}$	C3 Smy				

25 325 35 50 15 0 13 32,5 32,5 Pa 15 75 45 35 Demand 15 30 16 BALANCED 14

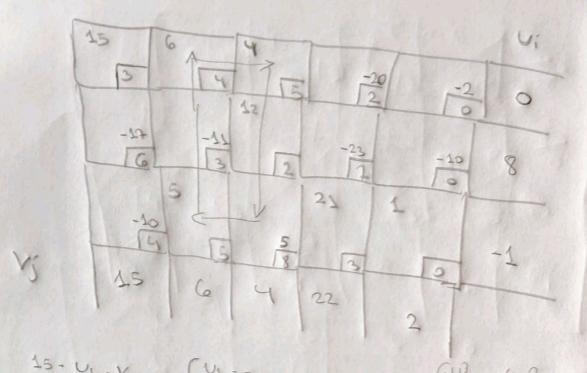
				vi
	<u>A</u>	4 18	4	0
1	5	10	14	
	B	121/		-74
	E	A	2	
	10	6	6	-73
VI	12	18	17	
,				

(trangles) son ro negetion, le soloni es optima.

U2 = -14 V2 = 47 V4 = 47 V3 = -14

13-		r		
2	32	Bz	B3	34 2phs P2, P3-> 130, 200, 120
3	60	40	45	55 130 0
2	20	55	65	55 120 B1, B2, B3, 1B4 -> 150, 475, 125, 50
P3	80	60	35	75 125, 50
	150	135	125	50 BALARISTO





 $15. V_{1}-V_{1} = 0$ $10. V_{1}-V_{1} = 0$ $12. V_{2}-V_{3} = 0$ $12. V_{3}-V_{4} = 0$ $13. V_{2} = 0$ $14. V_{3}-V_{4} = 0$ $14. V_{3}-V_{4} = 0$ $15. V_{4}-V_{4} = 0$ $15. V_{4}-V_{4} = 0$ $15. V_{4}-V_{4}$ $17. V_{4}-V_{4}$

15	10 01	U
13	FF 5 -28 -10 12 2 2	9
C	5 2 -2 -9	8
V) -2	5 8 3	0
G	1 4 24 1	
lon, tgo	X25 = 72 X35 = 7 X32 = 7 X27 = 72 X33 = 75 X32 = 7	

X33 =

