@ Puting n2=0, n3=0 By R2+R1 [18] [N1] = [2] n1+80m=2 -: 12mu = 3 my = ku , m = 0 5 Ruting NI = 0, NO = 0
[4 8][N2] = [2]
[2 4][N4] [1] By R2-L/2) R1 [48] [n2]=[2] = . 4n2 +8ny =2 on2 +0 my=1 Solution is unbounded. 6 Puting n1=0, 2=0 -2713 +8xy=2 323+424=1 -28 N3 = 2 By R2 - L1/2) R1 = [-28] [23] -273+8ry=2 Mam 0= ENN Hences DN3=0, M1=0, M1=0, M2=/2, Z=-3/2 @M2=0, NU=0, NI=8, NB=3, Z=28 (3) MI = 0, MY = 0, MZ = 1/2, M3 = 0, Z=-1

(A) NZ=0, NZ=0, NU= > 1 JZ=-5/4 5) n1 = 0, ns = Q unbounded solution @MI=0, M2=0, M3=0, mu=K4, Z=-5/4 Henre, there are six basic solutions. AU the solutions encept (5) are feasible basic solutions. The solution @ is the optimal basic solution. 0.11 Narimise Z=3n1+2n2+5n3 MI+2m2+N35430 8061ect +0 Csimplex 3x1+2x3 5460 Methods NI+4N2 5420 MIJUZJUZZO Z-3n1=2n2-5n3+0s1+0s2+0s3=0 Ans-N1+2m2+m3+81+082+083=430 3n1+0n2+2x3+0s1+s2+0s3=460 m1+4m2+0m3+0s1+0s2+s3=420

	SINPLEX TABLE - CHE DE LA CO
I	teration Basic coefficients of KHS Ratio
	Number. Var. 11 712 M3 81 82 83
3	250223272550000
	looves si 21 2 11 1 0 0 430 430
W.	enters 52 03 0 2 0 1 0 460 230
	53 41 04 100 1 420 00
	1 2 9/2 -2 0 0 5/2 0 1150
	ears sinai To2 2 0 1-1/2 0 200 100
<b>200</b>	enters masse 3/12 0 10 1/2 0 230 00
1 2	53 1 4 0000 0 420 105
	2 24001011001350
	m-14 1 0 12-14 0 100
	M3 3/2 0 1 0 1/2 0 230
2. Q.	53 2 0 0 -2 1 0 20
	MI=0, M2=100, M3=230, 2mare=1350
	50 = 3 = 3 = 1 = 2 = 1 = 0 = 3 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1
6.13	Manimise 2=100n1+50n2+50n3
12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	subject to Uni+3m2+2m3 <10
	Csimplen 3x1+8x2+2c3<8
	(Simplen 3n1+8n2+2c3 < 8 Method) un1+2n2+2c3 < 6
	W1 "WEIN3 >0
•	
Ans-	2-100n1-50m2-50m3 +051+052+053=0
	Uni+372+2723+81+082+083=10
	321+822+23+081+652+083=8
	LMI +2N2+N3+OSI+OS2+S3=6

	91° × 139141°
ortwin	SINPLEX TABLE 11000 1000
	Iteration Basic Coefficients of RHS Ratio
	NO. VOR MI N2 N3 SI SZ S3
	0 2-100-50-500000
	S3 leaves S1 4 3 2 10 0 0 10 2.5
	mi enters 82 3 8 1 00 1000, 8 2.67
7	S3 4 2 1 00 0 1 6 1.5
	1 2 0 0 - 25 0 0 25 150
	sileares SI 0 1 11 0 -1 4
	M3 enters 52 0 13/2 14 0 1 -34 7/2 14
The state of the s	n1 12 1/2 1/4 0 0 1/4 3/22 6
-1/2	2 - 2 0 25 0 25 0 0 250
	0 0M3 01 11 18KH 0 5-1 2455 10.
ex	82 -0 25/4 0 -1/4 1 -1/2 5/2
Section 2.1 of Committee 11.5	m1 1 1/4 0 -1/4 0 1/2 1/2
	n=1 m2=0 m2=4 zman=250
Anna Anna Anna Anna Anna Anna Anna Anna	HER BUT 2 IN 1 1 0 0 1 1 10 20
	ST S
0.23	Navimise z=5~1-2~2+3~3
-	subject to 2m1 + 2m2 - M3 72
. 3	3v1-Aus 3
	m2+3m2 < 5/
r	N1.W2.N370
	Z=5M1-2N2+3N3-OS1-OS2-OS3-MAI
<u> </u>	2n1+2n2-n3-81+082+083+A1=2
	3n1-4n2-0n3 +081 +82 +083 +0A1=3
	On1 +n2+3~3+081+082+83+0A1=5
	2 =511-212+313+2411+2412-413-451-052
	-093+0A1-2M
2	2-571 -2471 +272 - 2472 - 323+4723+NBI+082
	+083 +0A1 = -2M

	SIMPLEX TABLE
	Cheration Basic Coefficients of RHS Ratio
b/ts/A	NO. Var. NI NZ M3 SI 52 S3 AI
	0 Z -5-2M 2-2M -3+M M O O O -2M
4	1 leaves A 2 2 -1 -1 0 0 1 2 1
( SN	11 exters 52 3 -4 0 0 1 0 0 3 1
10.0	S3 0 0 3 0 0 1 0 5 0
- 3.1	1 2007 - 1/2-5/2005
S	leaves M1 1 112 -12 0 0 1 -2
M?	erters 52 0 -7 3/2 3/2 1 0 0
	2530013001555
	2 2 0 -5613 0 3 43 0 5
Sa	1eaves 74 1 -4/3 0 0 13 0 1 -3/5
N	2 exters MB 0 -14/3 1 1 3/3 0 0 0
	- 83 0 15 0 -3 -2 1 5 V3
	3 2000-1/55% 586 199
n	31eons 11 1 0 1 -45 745 139 00
	exters M3 0 0 1 15 345 145 149 70/3
	m20 1 0 - 1/5 - 3/5 1/3 00
	4 2 0 0 11 0 5/3 42/9 85/3
	M 100 H 0 N3 H3 53/3
	81 0 0 15 1 3/3 143 70/3
	m20 133000 1 5
1 2 2 2 1 1 1 1	
	M1=23 - M2=50 - M3=0 zman = 85
	_3,6+ 280 - 250 + 18 - 618 - 418 + 10x 3
	5 = 1 = 2 = 1 = 1
	STRING FEBRUARY - 100 HERRE FERRE 1000 FEBRUARY
127-1	CHOCKET ALL MAN - INCHES FOR ENCYCLE AND IN INCHES
11 W11 - 12	

185- = x 123+ 624+

