Flesignment Broblem
1 May 11 May 100 May
$\min(z) = \chi_{-\lambda_{z}}$
2 Ny + Nz > 2
-η -η, »l
λ, λ, λο
81: Liriting the problem in strandard form
y + y = (z) + y = (z)
· S.t., -214 - 12 ≤ -2.
λ ₁ +λ, ≤ 1
λ, λ, λ, ο
(corresponding dual is
4, -4, \(\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
1 1 50
ÿ1 3 y ≥ >0
We know that b must be tro, mul @ by -1
$\max(\omega) = 2y_1 + y_2$
8.+,
24, -42 & 1 -4, +42 >, +1 -4, 42 >, 0
-y, +y, // //
• •
dent IP problem
1 1 1 1 10 10 10 10 10 10 10 10 10 10 10
and the brosses

GB 1/13 b a, a2.
mux(w) = 24, +4 = +0.43 +0.44 - mys
24, -42 +43 = 1 -4, +42 - +44 +45 = 1
1 (1) 2 1 1 2 1 2 1 3 1 4 3 1 5 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 2 1
(3 13 1 1 b a 1 a 2 a 9 a 5 min ratio operation
-m as 95 1 -1 m 0 -1 1 1 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
2 G1 Y1 Z O O -1 b G4 K1/2-F1
1 Q2 y2 3 0 1 1 -27 × R2'K-R2+R1' 71-43 0 0 3 -4
Here ay wants to enter, but there is no leaving
remarks, have this is as of inboundedness to feasible try ion is not bounded
We can visualize this graphically as
1) 2y, -y2 = 1 y, = 0 y2 = -1
2) -y, ty = 1 y, =0 y = 1
27 + 42 = 4



