这当与优化Homework4 12112627季点平。 1. x, x2 x3 x4 b LX -11 Ignored) 1-2000 24 2 0 1 1 3 => End. 3 0 2 0 4 Optimal BFS: [0203]T. Maximum: 4. Int -11 Ignored) [う も 0 も 0] Maximum.

3. => maximize z= -4x1-x2 4×1+3×2-×3=6 subject to 3x,+x1=3 $x_1 + 2x_2 + x_4 = 4$ X1. X2 20 X1. X420. 2/24 X1 X2 X3 X4 X5 X6 X7 b Inf OOMMO 4-8M 1-6M M-M 0 0 0-13M X1 X2 X3 X4 X5 X4 X1000 1/22. X5 3 1 0 0 1 0 0 3 3 X6 4 3 -1 0 0 1 0 6 2 25 7-5MO 22 Maximum: -4 Minimum

4. x1 x2 x3 x4 x5 y1 y2 y3 b b/x4 2 -1 3 2 1 1 0 0 10 1 -3 2 2 1 0 1 0 1-252200118 -2 0-1 -1 0 M M 0 -2-4M 6M-1-10M-1-6M-4M 0 0 0 -36M X2 X3 X4 X5 Y1 Y2 Y3 b 2 1 0 0 1 -1 0 2 士一章 1 1 立 0 1 0 1 3 0 1 0 -1 1 10 -==-M -3M-==-4M 0 -M+== 0 6M+1 0 -12M+4. x, x2 x3 x4 x5 y, y3 b 0/25 24 一立 一立 0 1 立一1 0 2 y3 -3 -5 0 0 1×-3 1 4 -3+3M 5M-3 0 0-Mt2 0 0-41N+4 X1 X2 X3 X4 X5 Y3 b 1 0 - -

OFFIBES!

Optimal BFS: [00204]

Maximum: 2.