OR_prelecture_0425

党= 实际社 No. Date: / /
(C) m/x 3 X, +5 X2
5.1. $\chi_1 + \chi_2 + \chi_3 = 16$ $\chi_1 + 2\chi_2 + \chi_4 = 20$
XX ≥0, Y M x = 1, a, 4
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
0 -2 3 0 48
) 1 1 0 N=16 0 1 1 X4=4
001256
$\frac{1}{9} \frac{1}{1} \frac{1}$
optimal solution = $(x_1, x_2) = (12, 4)$
value = 56
new constraint: $\chi_1 + \chi_2 \leq 4 $
$(\chi_1 + \chi_2 + \chi_5) = 14$

