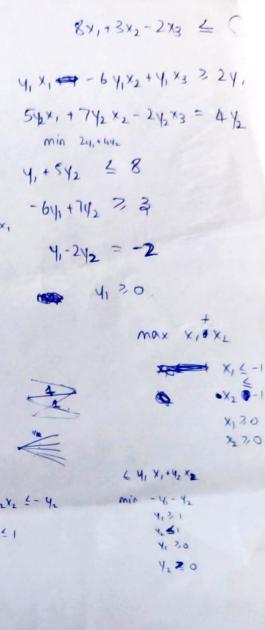


max 8x, +3x2 -2x3 when to x, - 6x2 + x3 12 5x1+7x2 -2x3 =-4 min 24,+442 XI & D X2 30. 8x, & 7, x, min Z ce Xe subject to Z Xe \$ 1 Y vel. xe € {0,3 Actorical Xe 20. 4 0 × 1 non- Mega (xe, ...) = 1. min - 4, - 42 Max X1+X2 4,31 X1 € -1



Max  $x_1 + x_2$  Min  $-y_1 - y_2$   $y_1 \le -1$   $y_2 > 1$   $x_2 > -1$   $y_3 > 0$   $y_2 > 0$  $y_2 > 0$ 

42 € Y2×2 €- Y2 Y231