Maxi Mize

$$2x_1 + 7x_2 + 8x_3 = 17$$
 $X_3 = X_4 - X_5$
 $4x_1 - 6x_1 + X_3 = -4$
 $5x_1 + 3x_2 + 9x_3 = 10$

$$2X_{1} + 7_{7}X_{1} + 8X_{1} - 8X_{5} + X_{6} = 12$$

$$4X_{1} + 6X_{2} - X_{4} + X_{5} - X_{7} + X_{7} = 4$$

$$5X_{1} + 3X_{2} + 9X_{4} - 9X_{5} + X_{9} = 10$$

$$A = \begin{bmatrix} 2 & 7 & 8 & 1 & 0 & 0 & 0 \\ 4 & 6 & -1 & 1 & 0 & -1 & 1 \\ 5 & 3 & 9 & -9 & 0 & 0 & 0 & 1 \end{bmatrix}$$

$$B = \begin{bmatrix} 12 \\ 4 \\ 10 \end{bmatrix}$$

$$X_{*} = \begin{bmatrix} x_{1} \\ x_{2} \\ x_{3} \\ x_{4} \end{bmatrix}$$

$$X_{*} = \begin{bmatrix} x_{1} \\ x_{2} \\ x_{3} \\ x_{4} \end{bmatrix}$$

$$X_{*} = \begin{bmatrix} x_{1} \\ x_{2} \\ x_{3} \\ x_{4} \end{bmatrix}$$

$$X_{*} = \begin{bmatrix} x_{1} \\ x_{2} \\ x_{3} \\ x_{4} \end{bmatrix}$$

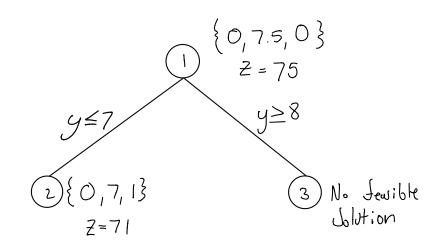
$$X_{*} = \begin{bmatrix} x_{1} \\ x_{2} \\ x_{3} \\ x_{4} \end{bmatrix}$$

Exercise boll (fg. 131), Integer programmy problem Due Friday 07th

- 1) Read p. 126 (computational considerations)
- 2) USC technology to solve the individual CPPS
- 3 Draw a tree diagram, Showing the noder. Each node is a CPP problem
- 9 Identity the extra containt for each node

Chapter requerce 10 tu { 1,2,3,6,8}

Chapter 8: trus portition problem



Day 2

Snow Duy

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