From 13 rettembre 2020 file A

Epicisio 1

Lestro Nondord (8+1) mitri

TIPO VETNO	A	B	C
DIMENSIONE (LXH)	GX 1	3 × 1	2+1
MO FINESTINE ORDINATE	12	-14	21

Noo-2,0 6. 1.	A	D	_	SFMDO	_	
X	2	0	0	0	_	
×2	1	4	O	1		_
×з	1	O	2	0		0
×4	0	گ	1	0	X	0
x5	0	1	2	1		Q.
\times_{6}	0	0	4	0		4

min
$$x_1+x_2+x_3+x_4+x_5+x_6$$

 y_1 $\begin{cases} 2x_1+x_2+x_3 \ge 12 \\ x_2+2x_4+x_5 \ge 14 \\ 2x_3+x_4+2x_5+4x_6 \ge 21 \\ x \ge 0 \end{cases}$

x4+x5 = 7 X4 12 x5 = 5

dusk

max
$$12y_1 + 14y_2 + 21y_3$$

$$\begin{cases} 2y_1 \le 1 \\ y_1 + y_2 \le 1 \\ y_1 + 2y_3 \le 1 \\ 2y_2 + y_3 \le 1 \\ y_2 + 2y_3 \le 1 \\ y_2 + 2y_3 \le 1 \\ y_3 \le 1 \\ y_3 \le 1 \end{cases}$$

$$1 - 2y_4 = p - 3 \quad y_4 = \frac{1}{2}$$

$$1 - 4y_5 = 0 - 3 \quad y_3 = \frac{1}{4}$$

$$2 \quad x_4 + 2x_5 = 5$$

$$\begin{cases} x_{4} + x_{5} = 3 \\ x_{4} + 2x_{5} = 6 \end{cases} \begin{cases} x_{4} = 7 - x_{5} \\ 7 - x_{5} + 2x_{5} = 6 \end{cases}$$

$$\begin{cases} x_{5} = -2 \\ x_{4} = 6 \end{cases}$$

$$\begin{cases} x_{5} = -2 \\ x_{4} = 6 \end{cases}$$

$$\begin{cases} x_{6} = -2 \\ 0 \\ 0 \\ -2 \\ 6 \end{cases} < 0$$

$$\begin{cases} x_{4} + x_{5} = 7 \\ x_{4} + x_{5} = 74 \end{cases} \begin{cases} x_{4} + 4x_{4} - 2x_{4} = 7 \\ x_{5} = 4x_{4} - 1x_{5} \\ x_{4} + 2x_{5} = 6 \end{cases} \begin{cases} x_{4} = 7 - x_{5} \\ 4 \end{cases}$$

$$\begin{pmatrix} 6 \\ 0 \\ -2 \\ 6 \\ 4 \end{pmatrix} < 0 \quad \text{non annivible}$$

$$\begin{cases} -x_4 = -7 & -3x_4 = 7 \\ x_5 = 0 \\ 7 = 5 \end{cases}$$

soluzione non omminilile