

INSTITUTO POLITÉCNICO NACIONAL ESCUELA SUPERIOR DE COMPUTO



"TAREA 3: MÉTODO ANALÍTICO."

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GRUPO:

3CV17

FECHA DE ENTREGA:

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Método Analítico

rs: y 2 0

1. 2=4 a+6 S. a r1: G+6 5 150 r2: 2a+6 50 r3: a 20 ra: b 20	71, 72 -70 220 X 71, 73 0 150 X 71, 73 0 80 / 72, 74 0 0 / 72, 74 0 0 /	2 (0,0)=0> Max 2 (0,0)=0> Max
2. 2 = x +3 y 5. a. r: x +3 7 10 r: 2x +2 y 525 r3: x 58 ra: x 7 0 rs: y 2 0	(1, 12 / / 7 (1, 12 / / 7 (1, 12 / / 7 (1, 12 / 7 (1, 12 0 0 0 X (1, 13 8 10 / X (1, 14 0 0 X (1, 14 0 0 X (1, 14 0 X	$2(8,2):14 \longrightarrow M_{10}$ 2(0,10):30 2(8,9/2):45/2 $2(0,25/2):-\frac{75}{2}\longrightarrow Max$
3. 2= 0.1x 10.5y 5.a. 7:4x13y530 72:6x+y536 75: x-y520 74: x20 75: y20	Y1, Y2 39/7 18/4 / Y1, Y3 90/4 -30/4 × Y1, Y4 0 10 × Y1, Y5 8 -12 × Y1, Y5 6 0 / Y5, Y6 0 -20 ×	2(0,10)=5 -+ Max 2(0,0)=0.6 2(0,0)=0-+Mn.

rs, ru 0 -20 x rs, rs 20 0 x ru, rs 0 0

0/

	A management	Χ "	
4.Z=m+2n	٣	0	
5. a. r1: 3min 514 r2: m+5x 520 r3: m 5n-10 r4: m20 r5: n20	1, 1/2 25/7 1, 1/3 1 1, 1/4 0 1, 1/5 14/3 1, 1/5 -5 1/2, 1/4 0 1/2, 1/4 0 1/3, 1/4 0 1/3, 1/4 0 1/4, 1/5 0	23/7 > 11 > 14 > 0 > 4 > 0 > 0 > 0 >	No existe
5. 2=4×134	Χ	y s ×	
5.a. r: 3.12y 525 r2: x 5 5 r3: 8 x 521-64 r4: x 2-2 r3: y 2 1	1,12 S 1,12 S 1,15 S 1,15 23/3 1,15 S 1,16 S 1,16 S 1,16 S 1,16 S 1,16 S 1,16 S	5 × -137/2 × 31/2 × -14/6 × / × 3-1/6 /	2(2,3): 2/2 Máx. 2(12,1): 21/2 Min