

Centro de Ciencias Básicas

Materia: Calculo Diferencial

Tarea I

Ejercicios de conocimientos previos

Ingeniería en Computación Inteligente Semestre 1° A

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Fecha de entrega: Jueves 19 de Agosto

COMOCIMIENTOS

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d) 125x3 + 64		e) x3 - 64
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= (5x +4), (25x2 -1)	200 41/1	$= (x - 4)(x^2 + 4x + 16)$
	. Lataroles.	1100000 H1210412 101 9411113
f) x2-16x+64		9) 42 + 64 x
= (x - 8)(x - 8)	1= , 1	= x(4x + 64)
		$i)$ $\chi^3 + q_{\chi^2}$
h) $x^2 - x - 20$		$= x(x^2 + 0x)$
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j) x2-12x +35	K) x ² -12	2) 3
= (x-7)(x-5)	= 1x - 6	1.2 21
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(20)	1-1-1-11	2-81=0
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x-9=0. $y.$ $x-2$	= 0 = (x+9)(x-9)=9.

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= X = X \(\) \(\) \(\)	-					14							
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f) x2-9x1+8 =0 min opnio	.01	Port	ADI IS										
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= 2x + 3x - 15 = 0		13		+	113	12	(2)		- 5	-	11		
$= -(7) \pm \sqrt{7} \cdot \sqrt{2} \cdot (2) \cdot (-15) \cdot / 2 \cdot (2)$					10	14							
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h) $3x^2 = 9x$										7.			
- 3'x 2 - 9x = 0													
$= -(-9) \pm \sqrt{(-9)^2 - 4(3)(0)} / 2$													
$= 9 \pm \sqrt{81} \cdot 16$	-(3)						7.		25	1	· X		
=9±9/6													-
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