## EUDS Mi Universidad

## **ACTIVIDAD 2**

NOMBRE DEL ALUMNO: Jordi Arturo Maldonado Robledo

**TEMA: Estadística Inferencial** 

**PARCIAL: I** 

**MATERIA: Estadística Inferencial** 

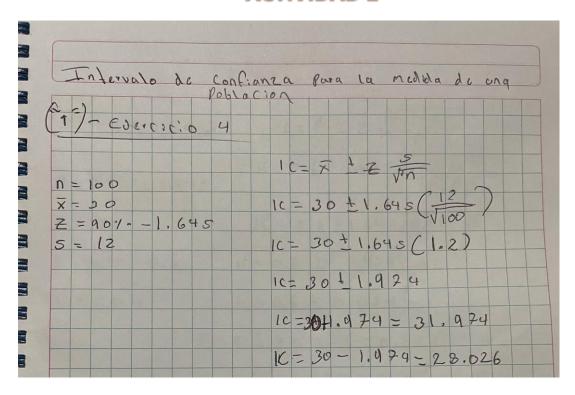
NOMBRE DEL PROFESOR: Ing. Joel Herrera Ordoñez

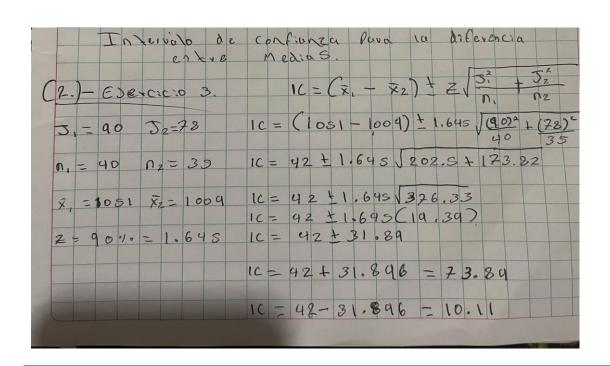
LICENCIATURA: Administración de empresas

**CUATRIMESTRE: 4** 



## **ACTIVIDAD 2**





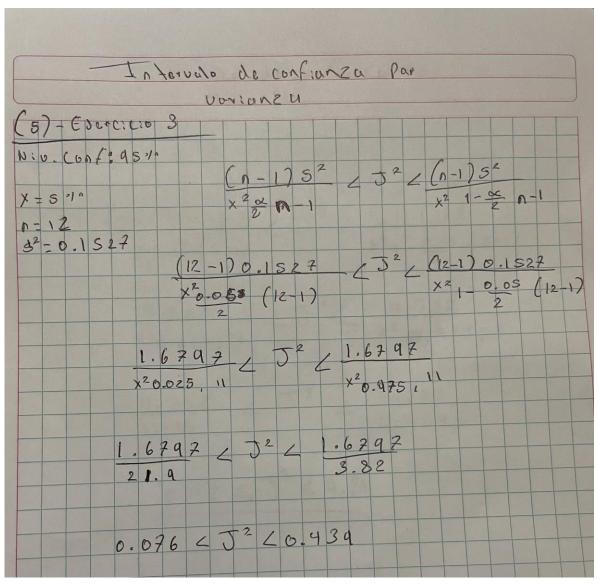


/->					90	1 (	101	108	>,									
(3) - EJC	, C , C , C	) Cm	3.						+-	Z	1	PC	1-	87				
2=90%	= 1.6	45			0333		2432		1 1		311		(0.		(0	.4)		
n = 500					lc	2	0.	. 6	+	1.6	43	5 1	0-	00	0 0	18		
P = 300 -	0.6			10	1	0.	6	+	1.	6 4	5	(0	.0	21	)			
1-8=0.4				lc	-	0.	6	1	0	.0	30	1						
		ic	=	0.	6	+	0.	0.	34	1	. 0	.5	6	6	-	56	.6	9
		10	=	0.	6	-	0.	05	3 4	-	6	. 6	30	t -	•	63	, 4	-)
				0.														

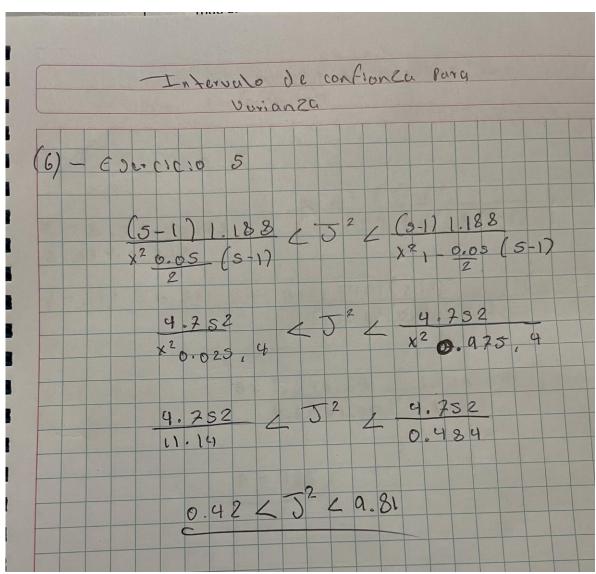


Intervalo de confignza lara la
diferencia entre Profercion es.
(4) - E Dercicio 3. 10=(1-12) = 2/1, Q1 + 12 Q2
Z = 95%=1.96
$P_2 = 80 - 0.4 = Q_2 = 1 - 0.4 = 0.6$ $P_1 = 0.3$
$\theta_2 = 0.4$ $1(-(0.3-0.4) + 1.96)$ $2.50$
$Q_1 = 0.7$ $Q_2 = 0.6$ $10 = -0.1 \pm 1.46 \sqrt{0.00084 \pm 0.0012}$
n. = 250   1c = -0.1 + 1.96 \ \ 0.00204
1C=-0.1±1.06(0.045) 1C=-0.1±0.0882
10=-0.1 = 0.0002
100.1 - 0.08820.011











Cstimar		tamapo de moestras lara
Co F. Mar	778101	Población Finita
(7) - E Dercicia	2	
		N Z 2 P C1-P7
e = 8.5%.=0.0	25	[N-1)(82 +(Z2) 0 (1-P)
Z= 97 % = 2.17		
1 = 31 1 = 0.31		n=(1340)(2.17)2 (0.31)(0.607
1 - 3111 - 6.31		$\frac{(1384)(0.885)^2 + (2.17)^2(0.31)(0.885)^2}{(1384)(0.885)^2 + (2.17)^2(0.31)(0.885)^2}$
N = 1340		
1-8=0.60	V =	1,399,69 1349.69 126.49
		4.67+1.00
	n =	= 126/