XXISTA 4

Proble	ma 4		Dades	apar	e lla des
aparall	terval o	per a	la mit	jana	(2
la vo	ariable	D = X	-y ,	$\int_{C} D$.	desconegada
X= Abans	96	102	108	28	85
V = Despres		112	112	93	89
D = X-Y	-8	-10	-4	-4	-4
Interval de confiança al nivell 8					
per	4D -tn-1,8				1,8 So [n-1]

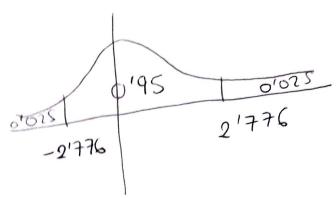
$$50 = \frac{30}{5} = -6$$

$$50 = 8 + 10 + 4 + 4 + 4 = 6$$

$$50 = 6'4$$

$$50 = 6'4$$

SD =
$$\sqrt{6'4}$$
 = 2'53
9t(0'975,4) = 2'776



$$= [-6-3'51, -6+3'51]$$

Problema 5 Dades no aparallades Dades aparallades amb O1 i O2 conegudes $X \sim N(ps, \sigma_s^2)$ $V \sim N(\mu e, \sigma_2^2)$ X-Y N (Ms-M2, N(0,1) X-V- (MJ-M2) $\sqrt{N(ps, \frac{2}{ns})}$ $\sqrt{N(ps, \frac{2}{ns})}$ $\sqrt{N(ps, \frac{2}{ns})}$ $X - \overline{Y} \sim N \left(\frac{1}{1} - \frac{1}{1} + \frac{1}{1} + \frac{1}{1} \right)$ Interval de confiança per a M-42 $[x-y-v_8]\sqrt{\frac{\sigma_1^2+\sigma_2^2}{m_1 m_2}}, x-y+v_8]$

$$n_3 = n_2 = 6$$
 $x = 12^{17}3$
 $y = 12^{19}$
 $x - y = -0'1667$
 $x - y = -0'1667$
 $x - y = -0'1667$
 $x = 0'9$
 $x - y = -0'1667$
 $x -$

Problema 5

Dades no aparellades

amb of = oz desconegades \times \sim $N(\mu_3,\sigma^2)$ YN N(12,02) $\frac{\times - \sqrt{-(\mu_1 - \mu_2)}}{\ln 1 \cdot \ln 2} \frac{\ln 1 \cdot \ln 2}{\ln 1 + \ln 2} \frac{\ln 1 \cdot \ln 2}{\ln 1 + \ln 2}$ n tra+re-2 t-student amb Interval pera Ma-M2 al nivell & [x-9-tns+nq-2 Vns+nq Vns si + nz si2] Mang (Ms+m2-2) X-9 + tnx+n2-2 /nx+n2 /nxsx+n2s2 12(12+12-2)

 $n_{\Delta} = n_{Q} = 6$

$$x-y=-0.7661$$
 $s_1^2=5'0671$
 $s_2^2=5'0671$
 $s_3^2=5'0671$
 $s_4^2=5'0671$
 $s_4^2=5'0671$