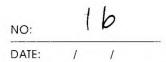
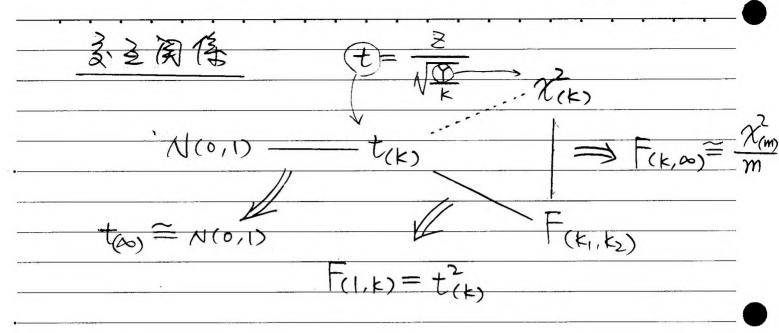
b			DATE: /	/
\	文学支勤	統計点	So So	empling listributi
×	(~ N(h, oz)	sample X~ mean	N(µ, o2))
D Z=	X-M ~ N(0,1)	§ = -\frac{7}{2}	(-μ σ ~ N(0,1)
2 22	$\sim \chi_{(1)}^2$		マ	是从
<u></u>	≥1 ~ (k)	$\Rightarrow (n+1)\frac{s^2}{\sigma^2} =$	$\sum_{j=1}^{n} \left(\frac{X_{j}-X}{\sigma} \right)$	-)
		· · · · · · · · · · · · · · · · · · ·	$(\chi^2_{(n)})$ – ($\widehat{\chi^2_{(1)}}$
3 Y	~ 2(k)		$\sim \chi^2_{(n-1)}$	
<u> </u>	= ~ t _(k)	> <u>X-M</u> <u>S</u> <u>N</u> M	= X-M	Y N-1
	2 1~ X/L.		\sim t _(n-1)	
Y	1~ 2(K1) 2~ (K1)	(前提介=	(2)	•
	1 k1 ~ F(k4, k2) k2	$\frac{s_1^2}{s_2^2} = -\frac{s_1^2}{s_2^2}$	11 - N1-1 ~ F	(n1-1, n2-1





$$Sd(\overline{X}) \neq Se(\overline{X})$$

$$criginal \qquad (Var(X) = G^2 \longrightarrow \sqrt{Var(X)} = G$$

$$population \qquad (Var(X) = S^2 \longrightarrow \sqrt{Var(X)} = S$$

$$(\mathring{G}^2) \qquad sample sd of X$$

sample
$$Var(\overline{x}) = \frac{\sigma}{n} \rightarrow \Lambda Var(\overline{x}) = \frac{\sigma}{\sqrt{n}}$$

mean $Var(\overline{x}) = \frac{S^2}{n} \rightarrow \Lambda Var(\overline{x}) = \frac{S}{\sqrt{n}}$
 $Var(\overline{x}) = \frac{S}{n} \rightarrow \Lambda Var(\overline{x}) = \frac{S}{\sqrt{n}}$
 $Var(\overline{x}) = \frac{S}{\sqrt{n}}$

$$t = \frac{\overline{x} - \mu}{s}$$

$$\sqrt{n} > se(\overline{x})$$

Per-Duet