what

高期的布心平分

where

此版

有这些性质点尤为收直接使

$$X$$
 $X^TX \leftarrow Wishart With$ pxp pxp

n7P

$$Pdf \beta P(s) = \frac{|s|^{\frac{1}{2}} e f \gamma \left(-\frac{1}{2} \frac{1}{2} \frac{1}{2}\right)}{\sqrt{12} \left(\frac{1}{2}\right)^{\frac{1}{2}} \left(\frac{1}{2}\right)^{\frac{1}{2}} \frac{1}{2} \left(\frac{1}{2}\right)^{\frac{1}{2}} \frac{1}{2} \left(\frac{1}{2}\right)^{\frac{1}{2}}$$

$$X \sim N (0, l_1 D\bar{z})$$
 $S = \begin{pmatrix} S_{11} & S_{12} \\ S_{21} & S_{22} \end{pmatrix}$

$$S_{11,2} = \Sigma_{11} - \Sigma_{12} \Sigma_{11}^{-1} \Sigma_{21}$$

Then.

作一个安排

$$S_{11\cdot 2} = S_{11} - S_{12} S_{22} S_{21}$$
 $2||\mathbf{m}| = 92 + 3||\mathbf{m}||$
 $S_{11\cdot 2} = S_{12}$ $0 \wedge 0 \wedge 3||3||^{2} ||Jacobian||$

$$d(S_{11}, S_{12}, S_{22}) = d(S_{112}, B_{12}, B_{22}).$$

$$P(S_{11}, S_{12}, S_{22}) = P(S_{11,2}, B_{12}, B_{22}).$$

	$t\gamma(\overline{2}^{\dagger}S) = t\gamma\left(\begin{pmatrix} G_{1} G_{2} & S_{1} & S_{1}z \\ G_{1} G_{n} & S_{2} \end{pmatrix}\right)$
.	= tr(G1 S1) +2 tr(G1G12)+ tr(G2 S12).
	$z^{+} = AA^{T} \Rightarrow AzA^{+} = 1$
_ V M DIAF ONE (O	$W = A \leq A^{T} \qquad W \sim W_{P}(1, Y)$
/ D 2 1	
- 4 g 2 C.	$dw = $ let $s \sim Wp(1, r)$ 且 $s = T^TT$ T为上海 $6ii > 0$
从这里的第一	+Men ti) ((C) (1, P) B #B364500.
	then tij (($\leq j < i < p$) 鬼相劲地之 i ? $\sim \chi_{r-i+1}^2$ ($\leq i \leq p$ 且
	$tij \sim N(0,1) (\leq j < i \leq p)$
	· Wishart 的军变量的布造 X2公布



