T(x|
$$\mu$$
, 62,  $\nu$ ) or [14  $\frac{1}{\nu}$ ( $\kappa$ ,  $\mu$ )<sup>2</sup>] = ( $\nu$ )

mean such Ayrae

parameter it man:  $\mu$ 

mode:  $\mu$ 

von:  $\nu$ 62

$$\frac{\text{Loplan Probability}}{\text{D} \text{ Lop}(x|\mu,b)} \stackrel{\Delta}{=} \frac{1}{2b} \exp\left(-\frac{|x,\mu|}{b}\right)$$

med = p van: 262

(3) hamma dumbulian
$$\frac{\Delta}{Ga} \left( T \right) shipecq, rate=b \right) \stackrel{\Delta}{=} \frac{b^{q}}{\Gamma(a)} T^{q-1} e^{-Tb}$$

$$\frac{\Delta}{\Gamma(n)} \stackrel{\Delta}{=} \int_{0}^{\infty} u^{n-1} e^{-u} du$$

wean:  $\frac{a}{b}$ ; mode:  $\frac{a-1}{b}$ ; var:  $\frac{a}{b^2}$ 

Neta 
$$(x)$$
  $a_1b$ ):
$$\frac{1}{B(a_1b)} \times \frac{1}{B(a_1b)} \times \frac{1}{B(a$$

Correlation coeff.

Mulli Variate Gaussian:

who and 
$$(M \cup N)$$

$$M(X \mid M \mid X) \stackrel{d}{=} (2\pi)^{0/2} |X|^{1/2}$$

$$= \pi P \qquad = \pi P \qquad =$$