高朝分布
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$$\chi \sim N(\mu, \xi^2)$$

$$\chi \sim N(\mu, s^2)$$
.

 $+\chi(b) = \sqrt{2\pi} s ebp(-2s^2(\chi-\mu)^2)$ .

记:

$$\int_{-\infty}^{+\omega} e^{\frac{1}{2}} \int_{-\infty}^{\infty} e^{\frac{1}{$$

沙为城堡林:

$$\begin{cases} x = x\cos\theta \\ y = x\sin\theta \end{cases} = \begin{bmatrix} \frac{3x}{3y} & \frac{3x}{3\theta} \\ \frac{3y}{3\theta} & \frac{3y}{3\theta} \end{bmatrix} = \begin{bmatrix} \cos\theta & -x\sin\theta \\ \sin\theta & x\cos\theta \end{bmatrix}$$

$$|J| = Y \cos^2 \theta + Y \sin^2 \theta = V.$$

$$\int_{0}^{27} \int_{0}^{+\infty} r e^{-\frac{1}{2} \cdot \frac{Y^{2}}{x^{2}}} dr d\theta$$

$$=271 \cdot \xi^{2}$$

## ナメき高製作

VL 5825682

$$f_{x(b)} = \frac{(d/\beta)^{1/2}}{2k_V(\sqrt{d\beta})} \chi^{r-1} etp(-\frac{db+\beta\chi^{-1}}{2}),$$

$$0 \quad k_{\gamma}(u) = k_{-\gamma}(u)$$

3 
$$K_{\frac{1}{2}}(u) = K_{-\frac{1}{2}}(u) = \sqrt{\frac{u}{27}} e^{\frac{1}{27}} e^{\frac{1}{27}}(-u)$$

$$\begin{array}{c} \emptyset \\ u \rightarrow 0 \end{array} \begin{cases} k_{r}(u) \sim \frac{1}{2} \Gamma(r) \left(\frac{u}{2}\right)^{-r}, \quad r > 0 \\ k_{0}(u) \sim \ln(u), \end{array}$$

$$\beta = 0, \quad \gamma > 0 \qquad \lambda > 0$$

$$f_{\chi}(b) = \frac{\chi^{\gamma}}{2^{\gamma} F(\gamma)} \cdot \chi^{\gamma - 1} e^{b} p \left( -\frac{d\gamma}{2} \right)$$

$$\chi \sim G_{\alpha} \left( \gamma, \frac{\chi}{2} \right)$$

O & Gamma. 
$$d=0$$
.  $Y \ge 0$ 

$$f(7) = \frac{B^T}{2TI(T)} \pi^{-(T+1)} etp(-\frac{\beta}{\pi})$$

$$T = -\gamma \qquad IG(T, \frac{\beta}{2}).$$



