

$$e_{i,j} \sim N(0,\sigma^2)$$

$$\frac{\mu}{\sigma}$$

$$\frac{-\infty}{\infty}$$

$$f(x)$$

$$f(x)=\{~1\sigma\sqrt{2\pi}e^{-\frac{1}{2}(\frac{x-\mu}{\sigma})^2},-\infty<x<\infty 0,otherwise$$