Chapter 4 States

- 1. 星松
- 2. 我以前任时笔以上写过了
- 3. $\int_{0}^{\infty} v(a)^{-\frac{n}{n}} \int_{\alpha}^{\infty} w(b) db da = \int_{0}^{\infty} \int_{0}^{\infty} v(a) \frac{1-\frac{n}{n}}{n} db \cdot x db$ $= \int_{0}^{\infty} \int_{0}^{b} v(a)^{-\frac{n}{n}} da \cdot w(b) db$
- $f. \quad \alpha) \quad \int_{-\infty}^{\infty} \exp(-\lambda x^2) dx = \int_{\mathbb{R}^2} \exp(-\lambda x^2 + y^2) dx dy$ $= \int_{\mathbb{R}^2} \exp(-\lambda x^2) dx = \int_{\mathbb{R}^2} \frac{x}{\sqrt{2}}$

和用用通和分表和

$$\int_{\mathbb{R}} \exp(\pm i + i \chi^2) d\chi = \int_{\mathbb{R}} \int_{\mathbb{R}} \exp(-\chi^2) d\chi = \int_{\mathbb{R}} \int_{\mathbb{R}} \int_{\mathbb{R}} \exp(-\chi^2) d\chi = \int_{\mathbb{R}} \int_{\mathbb{R}} \int_{\mathbb{R}} \exp(-\chi^2) d\chi = \int_{\mathbb{R}} \int$$

$$\Rightarrow \int \exp(-(x.Ax)) dx = \frac{\pi}{dup} = \frac{\pi}{p(1-i)^p(1+i)^p} = \frac{\pi}{dup}$$

c) \int \exp(-(x+ATV) \tag{-(x+ATV)} \cong(V.ATV) Ox

Perin 是展表表n=1/有的 recall: 15= (15) = (15) = (15)2 exp(-1x/2) Fert 2-2002 x e-1002 = (3+1) 2 e - 3+15 $\int \xi * e^{-2X^2} = \frac{1}{(1+\xi_2)^{\frac{1}{2}}} \cdot e^{-\frac{1}{\xi+\frac{1}{2}}} \times \chi^2$ $\int c \times e^{-3x^{2}} \times e^{-\beta x^{2}} = \frac{1}{(1+\xi^{2})^{\frac{1}{2}}} \cdot \frac{(\pi)^{\frac{1}{2}}}{(\frac{1}{\xi+\frac{1}{2}+\beta})^{\frac{1}{2}}} \cdot \exp(-\frac{1}{\xi+\frac{1}{2}+\beta})^{\frac{1}{2}}$ = (2+(+22) p) = exp(- (2+ 1 + 1)) [Fact : 11 e - 2 N 11 p = C. (2 p) 1/2p KITITIE C. (2+(1+69)B)= C. (2+(1+69)B)= C. (2+(1+69)B)= C.

11e-2x2 11q = (= (> q) =

110-BX 11r = (BY)24

Charles Sup (9+(1+22)1) = ((5+ ++) 2/2 (2/2) (2/2) 2/2 (2/2) (2/ = sup - 1 29. (27 - 127) 27 + 12 Sup $\left(\frac{1}{2} + \frac{1}{2} + \frac{1}{3}\right)^{\frac{1}{2}} \cdot \left(\frac{1}{2} + \frac{1}{2} + \frac{1}{3}\right)^{\frac{1}{2}}$ $\int \frac{xy}{xy} = \frac{$ 对处的对对

6. BEHAR + PUT Leme: fi-fint? gi-gnip? 15pcm thu fix, gim - fix, gup in I. PT. Emission A A+ 2(18, x18,2) Story Story (1xy) dady - Story, Gray dady 南中南部于 = 产 中:(x)中:(y) ms 这是有对及这 而多株这种多大的职格走多(1810年) 1