$$\int (1) x + 3 = 3 + 1 = 3 - x$$

$$=2(x-\frac{3}{2})^2+\frac{9}{2}$$

$$f(-\frac{13}{2},\frac{1}{2})=-\frac{13}{4}-\frac{213}{4}=\frac{313}{4}$$

$$f(\frac{13}{2},\frac{1}{2})=+\frac{13}{4}+\frac{213}{4}=\frac{313}{4}$$

$$+\left(\frac{13}{2},\frac{1}{2}\right)=+\frac{13}{4}+\frac{213}{4}=\frac{313}{4}$$

$$f(0,-1)=0$$

2020 微積

$$J = \int_{0}^{\infty} e^{-\frac{1}{2}} \cdot \frac{1}{2} dx = \frac{1}{2} \int_{0}^{\infty} e^{-\frac{1}{2}} dx$$

$$= \frac{1}{2} \left\{ \left[-\frac{1}{2} e^{-\frac{1}{2}} \right]_{0}^{\infty} + \int_{0}^{\infty} 7 \frac{1}{2} e^{-\frac{1}{2}} dx \right\} = \frac{1}{2} \int_{0}^{\infty} 7 \frac{1}{2} e^{-\frac{1}{2}} dx$$

$$= \frac{1}{2} \left\{ \left[-\frac{1}{2} e^{-\frac{1}{2}} \right]_{0}^{\infty} + \int_{0}^{\infty} 7 \frac{1}{2} e^{-\frac{1}{2}} dx \right\} = \frac{1}{2} \int_{0}^{\infty} 7 \frac{1}{2} e^{-\frac{1}{2}} dx$$

$$h=10x^{\frac{1}{2}} \ln \left(\frac{x^{1}}{e^{x}}-0\right) = \lim_{x \to \infty} \frac{1}{e^{x}} = 0.$$

$$h=k \operatorname{AFR} \ln \left(\frac{x^{k+1}}{e^{x}}-0\right) = \lim_{x \to \infty} \frac{(k+1)x^{k}}{e^{x}} = (k+1) \lim_{x \to \infty} \frac{x^{k}}{e^{x}} = 0.$$

$$J = \frac{1}{2} \cdot 7 \cdot 6 \cdot 5 \cdot 4 \cdot 3 \cdot 2 \int_{0}^{\infty} 4e^{-3} dt = \frac{7!}{2} = 2520$$