$$\frac{n}{\sqrt{n+n}} < 1 < \frac{n}{\sqrt{n+1}}$$

$$\frac{n}{\sqrt{n+n}} < 1 < \frac{n}{\sqrt{n+1}}$$

$$\frac{n}{\sqrt{n+n}} = \lim_{n \to \infty} \frac{n}{\sqrt{n+1}} = 1$$

$$\frac{n}{\sqrt{n+n}} = 1$$

$$\frac{n}{\sqrt{n+n}}$$

强化级间断流

7.
$$\vec{a} \cdot \vec{b} = 14 - 12 - 2 = 0$$

$$\theta = \frac{\pi}{2}$$

8. The
$$\frac{3m\chi(1-\cos\chi)}{\chi^2 \approx 3\chi(e^2-1)} = \lim_{\chi \to 0} \frac{\chi^2 \chi^2}{\chi^2 \chi} = \frac{1}{2}$$

$$\frac{1}{1000} = \lim_{n \to \infty} \frac{1}{n} \frac{1}{n} \frac{1}{\sqrt{4-n}} = \lim_{n \to \infty} \frac{1}{\sqrt{4-n}} \frac{1}{\sqrt{4-n}} = \lim$$

2.
$$1 = \int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} (3+\frac{\pi}{2}) \cos^{3}(3+\frac{\pi}{2}) \sin(3+\frac{\pi}{2}) d(3+\frac{\pi}{2})$$

$$= \int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} (3+\frac{\pi}{2}) \sin^{3}(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2})$$

$$= \int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} (3+\frac{\pi}{2}) \sin^{3}(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2})$$

$$= \int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} (3+\frac{\pi}{2}) \sin^{3}(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2})$$

$$= \int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} (3+\frac{\pi}{2}) \sin^{3}(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2})$$

$$= \pi \int_{0}^{\frac{\pi}{2}} \sin^{3}(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2})$$

$$= \pi \int_{0}^{\frac{\pi}{2}} \sin^{3}(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2})$$

$$= \pi \int_{0}^{\frac{\pi}{2}} \sin^{3}(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2})$$

$$= \pi \int_{0}^{\frac{\pi}{2}} \sin^{3}(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2})$$

$$= \pi \int_{0}^{\frac{\pi}{2}} \sin^{3}(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{\pi}{2})$$

$$= \pi \int_{0}^{\frac{\pi}{2}} \sin^{3}(3+\frac{\pi}{2}) d(3+\frac{\pi}{2}) d(3+\frac{$$

又多面过底 M(1,2,-1) $(3) -1(x_1) + 3(3-2) + 1(2+1) = 0$ 即 ター34-3+4=0 = 2 [(NHm) 2-)) d JH/mg = 2 (JH/m)3 - 2 JH/m/ + C = = 2 (H/m/ ()m/-2) + C J. 唇状= = $\int_{1}^{+\infty} \frac{de^{x}}{(e^{x})^{2}+e^{2}}$ 透视分 $=\frac{1}{e}\left[\frac{1}{e} \cdot \arctan \frac{e^{x}}{e}\right]_{1}^{+\infty}$

6. $[ax] = \frac{1}{3}\int_{0}^{1} f(x) dx$ $= \frac{1}{3} f(x) x^{3} \Big|_{0}^{1} - \frac{1}{3} \int_{0}^{1} x^{3} f(x) dx$ $= -\frac{1}{3} \int_{0}^{1} x^{3} e^{-x^{2}} dx$ $= \frac{1}{6} \int_{0}^{1} x^{2} de^{-x^{2}}$ $= \frac{1}{6} x^{2} e^{-x^{2}} \Big|_{0}^{1} + \frac{1}{6} \Big|_{0}^{1} e^{-x^{2}} dx$

 $= \frac{\tau_{\perp}}{4\rho^2}$

$$= \frac{1}{\sqrt{2}} + \frac{1}{\sqrt{2}} e^{-x^2/3}$$

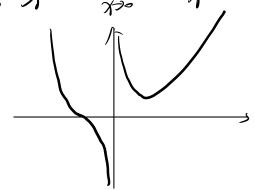
$$= \frac$$

单的帽子的 (元十四),单的形的(四里),(电影)

王四区的(一〇八),(0,+00)
下四区的(一八〇),拐点为(一八〇)

不一0是斜直新压成

深势= 深水+节 >+0 天平平压成 分析压成



5. 1) By 3 7660 75 from (5) = St from (5)