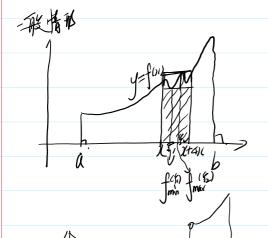
定识分的应用4-1

2022年3月11日 7:52

海州

YU, XWICE, D. HA 其上A MUSHA $\Delta A \approx dA = A'prodic = findic (B) (B)$

$$A = \int_{a}^{b} dA = \int_{a}^{b} f \sin dx$$



fright = 25 \approx d5 = four die = front 115-fondout = (from forn) doc

 $\frac{1}{2} \text{All App.} \left\{ \begin{array}{c} V_{1} = \pi \sqrt{x^{2}} dx & (y = y_{0}) \text{ for } y_{0} \text{ for } y_{0}$

2) $\sqrt[4]{k}$ \sqrt ly = 27 Sc (4-4,)xdy

到其了=Sm (10071)与X轴所围区域分别绕X轴及Y轴达鞋-用所行 造程体体积

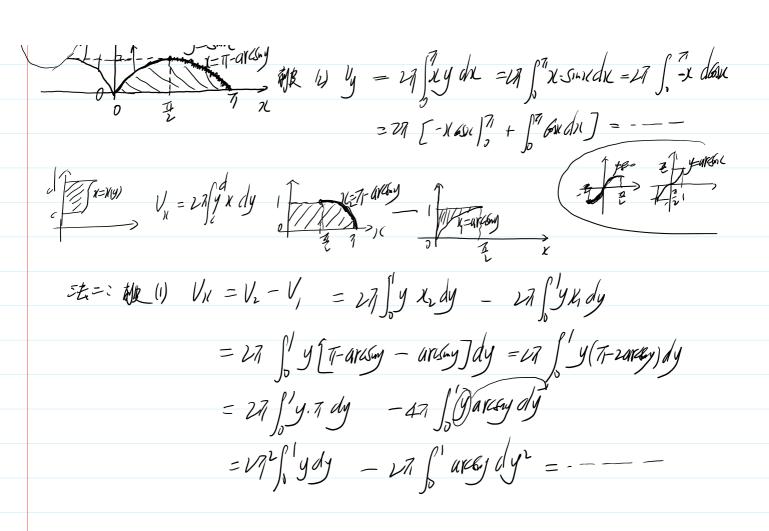
X=AKSMY JEUKSMY

Y=SML

1=17-aKSMY

5% (1) $V_{n} = 7\int_{0}^{7}y^{2}dx = 7\int_{0}^{7}x^{2}dx = 7\int_{0}^{7}\frac{1-60x}{2}dx = \frac{7}{2}$

MR W 4 = 27 (24 dx =4) [x-SINICAK = 17] -x dan



例2 才程成 「N=a(tsut) 足火軸旋型-閉道発射体学界 y=a(1-6π) (0=t=n)

$$V_{1} = 7 \int_{0}^{2\pi} dx$$

$$= 7 \int_{0}^{2\pi} \left[a(+ast) \right]^{2} da(t-ast)$$

$$= 7 \int_{0}^{2\pi} a^{3} (+ast)^{3} dt$$

$$= 7 \int_{0}^{2\pi} a^{3} (-ast)^{3} dt$$

$$= 7 \int_{0}^{2\pi} a^{3} (-ast)^{3} dt$$

$$= 4 \int_{0}^{2\pi} a^{3} (-ast)^{3} dt$$

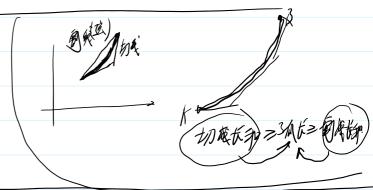
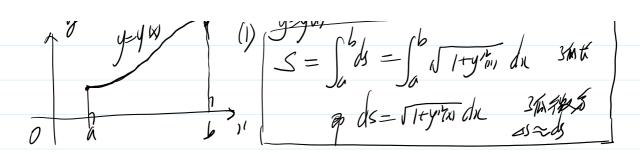


Fig. 5]
$$\pm 30 \text{ th}$$
 $y = f(x+\alpha y) - f(y)$
 $\Rightarrow y = f(x+\alpha y) - f(y)$
 $\Rightarrow x = f(x+\alpha y) - f(x+\alpha y)$
 $\Rightarrow x = f(x+\alpha y) - f(x+\alpha y)$



(1)
$$\int_{y=y(t)}^{y=x(t)} (x t = \beta) \int_{x}^{y=y(t)} \int_{x(\beta)=b}^{y=y(t)} ds = \int_{x(\beta)}^{y=y(t)} \int_{x(\beta)}^{y=y(t)} ds = \int_{x(\beta)}^{y=y($$

(3)
$$Y = Y(0)$$
 ($d \in 0 \in J$) $S = Y(0) \cdot 6J_0$ $ds = [X'_1 f_0] + Y'_1 f_0 do$ $ds = [X'_2 f_0]^2 + (Y'_3 f_0) + Y'_4 f_0 do$ $ds = [X'_4 f_0]^2 + (Y'_5 f_0) + Y'_6 f_0 do$ $ds = [X'_4 f_0]^2 + (Y'_5 f_0) + Y'_6 f_0 do$ $ds = [X'_4 f_0]^2 + (Y'_5 f_0) + Y'_6 f_0 do$ $ds = [X'_4 f_0]^2 + (Y'_5 f_0) + Y'_6 f_0 do$

$$\frac{1}{4} = \frac{1}{4} = \frac{1$$

$$\int_{A} \int_{A} \int_{A$$

$$\int_{0}^{2\pi} \frac{a(1-6t)}{y-a(1-6t)} \int_{0}^{2\pi} \frac{dt}{x^{2}+y^{2}t} dt = \int_{0}^{2\pi} \int_{0}^{2\pi} \frac{dt}{x^{2}} dt dt \\
= a \int_{0}^{2\pi} \sqrt{2-26tt} dt \\
= a \int_{0}^{2\pi} \sqrt{2-26tt} dt \\
= a \int_{0}^{2\pi} \sqrt{2-26tt} dt \\
= a \int_{0}^{2\pi} \sqrt{1+26t^{2}} dt = 8a$$

$$\int_{0}^{2\pi} \int_{0}^{2\pi} \frac{dt}{x^{2}} dt = \int_{0}^{2\pi} \int_{0}^{2\pi} \frac{dt}{x^{2}} dt = 8a$$

$$\int_{0}^{2\pi} \int_{0}^{2\pi} \frac{dt}{x^{2}} dt = \int_{0}^{2\pi} \int_{0}^{2\pi} \frac{dt}{x^{2}}$$