

$$\begin{cases} (b) = \frac{1}{(c + b)^{2}} > R \\ (b) = \frac{1}{(c + b)^{2}} = \frac{1}{$$

\$ sinxdx

h= (0-0)/n int=0

deb f(x):
return np. sin(x)/x

for in range(n): XO= at hi XI= at h. (14)

int += Wz (8(x0) + f(x)

0

import sumpy as app

$$def \ \delta(x):
return - (10123 / 10000) \cdot [np. suctar(x) - np. pi/2)$$

$$\lambda = 1$$
for i in range (100):
$$\lambda = 6(x)$$

$$\begin{cases}
(.6,0) \rightarrow R \\
8(k) = \frac{1}{\sqrt{1+x^{2}}}
\end{cases}$$

$$V = \pi \cdot 86(x)^{2} dx = \pi \cdot 5 \cdot \frac{1}{1+x^{2}} = \pi \cdot 6x0 \quad \text{arctank} = \pi \cdot 6x0 \quad \text{arctanb} = \pi \cdot \frac{\pi}{2} = \frac{\pi}{4}$$

(5) (3) 6

$$V = \pi \cdot \frac{9}{9} \cdot \frac{6}{(\lambda)} \cdot \frac{1}{(\lambda)} \cdot \frac{1}{(\lambda)^{3}}$$

$$\lim_{n \to \infty} \frac{1}{(\lambda)^{3}} \cdot \frac{1}{(\lambda)$$





