

$$= \Lambda_{\mathcal{I}} \left(\frac{r}{r} + \frac{r}{4} \right)$$

$$= 1 + i$$

$$= \int_{\Sigma} \left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4} \right).$$

$$= \int_{\Sigma} \left(\frac{\mathbb{Z}}{2} + 2\pi \mathbf{k} \right) \mathbf{i}$$

Solve
$$Z^4 = 1 - \sqrt{3} i$$

= $2(\frac{1}{2} - \frac{\sqrt{3}}{2}i)$

$$= 2 \cdot e^{\left(\frac{5}{3}\pi + 2\pi k\right) i}$$

$$f(2) = 2 + 12^2 \Rightarrow \sum_{i=1}^{n} f(2) = i - 2$$

S.t
$$|z-i| < f = |z+2+2-i+2| < \epsilon$$

$$|z+i|(2z-(2i+1))| \leq |z+i|(|z|+5)$$



$$S = \frac{1}{2}(y-x) > 0^{-\alpha} \sqrt{2} S = y-x$$
. $\text{Green} < \sqrt{2} S = y-x$. $\text{Green} < \sqrt{2} < \sqrt{2}$ $\text{Green} < \sqrt{2} < \sqrt{2} < \sqrt{2}$ $\text{Green} < \sqrt{2} < \sqrt$

A is open.

$$\frac{\cancel{4} \log (-3+3i) = ?}{\log (-3+3i) = \ln |-3+3i| + i \arg (-3+3i)}$$

$$= 2n 18 + i \frac{3}{4}\pi.$$

$$b = \ln |\delta + i| \frac{3}{4}\pi$$

$$i^{i+1} = e^{(i+1)\log i}$$

$$= e^{(i+1)} (\ln |i| + i \operatorname{arg}(i)) \qquad \operatorname{arg}(i) \to \frac{1}{2}$$

$$= e^{(i+1)\frac{\pi}{2}}.$$