ອອກເສັງປີຜ່ານມາ

16 พฤษภาคม 2565 9:17

 $\int \eta$ ໃຫ້ $Z\!=\!4\!-\!3i$. ຄ່າຂອງ $\left|Z^4\right|$ ເທົ່າກັບຂໍ້ໃດ?

ถ.337

ე. 625

12 = 2 = (4+1-3)

 $-(\sqrt{16+5})^{4}-(\sqrt{25})^{4}$

= 5-625

🛫 ຊູບຮ່າງໂຕມຸນນິຕີຂອງ z=1+i ແມ່ນຂີ້ໃດ?

$$n.2\left(\cos\frac{\pi}{4} + i\sin\frac{\pi}{4}\right) \checkmark$$

 $\times 2.2 \left(\cos \frac{3\pi}{4} + i\sin \frac{3\pi}{4}\right)$

$$\sin \sqrt{2} \left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4} \right)$$

$$9. \sqrt{2} \left(\cos \frac{3\pi}{4} + i \sin \frac{3\pi}{4} \right)$$

🥠 ຼຸ ຮູບຮ່າງໄຕມຸມນິຕິຂອງຈຳນວນສົນ z=-1+i ແມ່ນຂໍ້ໃດ?

(n)
$$\sqrt{2} \left(\cos \frac{\pi}{4} - i \sin \frac{\pi}{4} \right)$$

$$(2) \sqrt{2} \left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4} \right)$$

(a)
$$\sqrt{2} \left(\cos \frac{3\pi}{4} + i \sin \frac{3\pi}{4} \right)$$

(9)
$$\sqrt{2} \left(\cos \frac{3\pi}{4} - i \sin \frac{3\pi}{4} \right)$$

$$300 \cdot \sqrt{=502+6} = 512+1 = 5141 = 52$$

 $(059 = \frac{9}{6} = \frac{1}{12} = \frac{52}{2} =)(05\pi = \frac{7}{2} = \frac{7}{2})$

$$(059 = \frac{9}{7} = \frac{1}{72} = \frac{12}{2} = \frac{1}{7} = \frac{12}{2}$$

$$\sin \varphi = \frac{1}{\gamma} = \frac{1}{\sqrt{2}} =$$

$$657605751760120122:2=(059+i5in9)$$

= $\{2(054+i5in9)\}$

$$\gamma = \sqrt{a + b} = \sqrt{(-1)^2 + 1^2} = \sqrt{1 + 1} = \sqrt{2}$$

$$\cos \varphi = \frac{\alpha}{\gamma} = \frac{-1}{\sqrt{2}} = \frac{\sqrt{2}}{2} \Rightarrow (0) = \frac{3\pi}{2} = -\frac{\sqrt{2}}{2}$$

ບົດທີ13 ຮູບຮ່າງໄຕມຸມມິຕິຂອງຈຳນວນສົນ Page 1