2024年5月10日

一一人做了多個門養 ※一意的に決起なり

オイント でき数 スナッチ)

 $\begin{cases} r = 1 \\ \theta = 0 + 2m\pi \end{cases}$ $(m: \cancel{2} + \cancel{2})$

2:1. e211711 (极座標表示)

(的)章)

W= f(z): +「 = | ⁴ (n=4) ① <u>连</u>图及

① 连图校 Z:W* 2 |·e^{2m\tilde{1}}

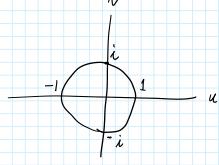
Z=rei0 z \$3τ rei0 = 1.e^{2nπi} +y.

$$\begin{cases} r=1\\ 0:2m\pi \end{cases}$$

 $W = {}^{n} \int r e^{i\theta} = {}^{n} \int e^{i\frac{2m\pi}{4}}$ $= \int e^{i\frac{2m\pi}{4}} = e^{i\frac{2\pi}{4}}$

 $0 \le \frac{m\pi}{2} \le 2\pi$ のとき、 $n = 4 \le y$ 4個の $W = \pi x y$. $m = 0.1.2.3. を代入 <math>53 \ge 3$.

 $W = e^{0}, e^{\frac{\pi}{2}i}, e^{\pi i}, e^{\frac{3\pi}{2}\pi i},$ = 1. i. - 1. - i

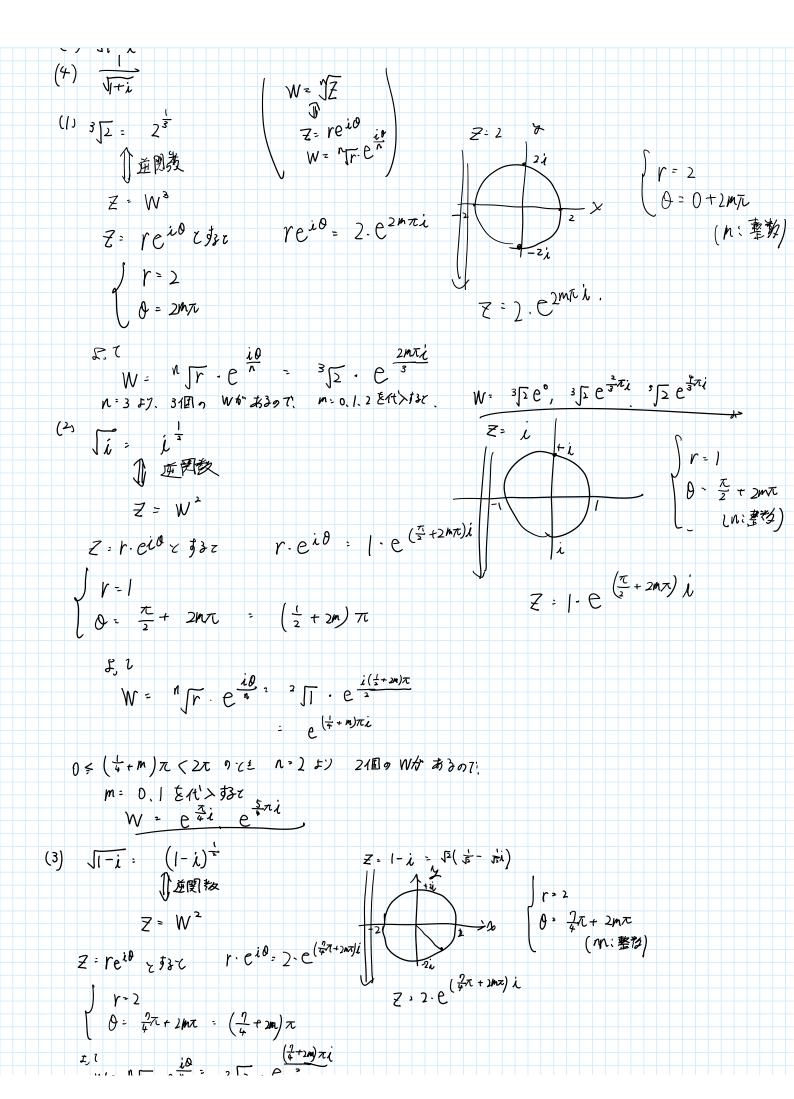


(連貫) 例例題にならて、次の変動を reioの形に表せ、

(1) 3/2

(3) II-i

W= 17



0 < 2+ m < 27 9 × = N - 2 + 2/1 9 W 1 x 3 97" $0 \leqslant \frac{2}{5} + m < 2\pi, n \times \frac{1}{5} \quad n > 21$ $m = 0.1 \quad \text{E}(1) \times \frac{1}{3} \cdot 1.$ $W = \sqrt{2} \cdot e^{\frac{2}{5}\pi i}, \quad \sqrt{2} \cdot e^{\frac{1}{5}\pi i}$ $W = \sqrt{2} \cdot e^{\frac{2}{5}\pi i}, \quad \sqrt{2} \cdot e^{\frac{1}{5}\pi i}$ $V = \sqrt{2} \cdot e^{\frac{1}{5}\pi i}, \quad \sqrt{2} \cdot e^{\frac{1}{5}\pi i}$ $Z = V^{2}$ $Z = V \cdot e^{\frac{1}{5}} \times 2^{\frac{1}{5}} \cdot e^{\frac{1}{5}\pi i}$ $V \cdot e^{\frac{1}{5}} \cdot e^{\frac{1}{5}\pi i} \cdot e^{\frac{1}{5}\pi i}$ $V \cdot e^{\frac{1}{5}} \cdot e^{\frac{1}{5}\pi i} \cdot e^{\frac{1}{5}\pi i}$ $V \cdot e^{\frac{1}{5}} \cdot e^{\frac{1}{5}\pi i} \cdot e^{\frac{1}{5}\pi i}$ $V \cdot e^{\frac{1}{5}\pi i} \cdot e^{\frac{1}{5}\pi i}$ $V \cdot e^{\frac{1}{5}\pi i} \cdot e^{\frac{1}{5}\pi i}$ $V \cdot e^{\frac{1}{5}\pi i} \cdot e^{\frac{1}{5}\pi i} \cdot e^{\frac{1}{5}\pi i}$ $V \cdot e^{\frac{1}{5}\pi i} \cdot e^{\frac{1}{5}\pi i} \cdot e^{\frac{1}{5}\pi i}$ $V \cdot e^{\frac{1}{5}\pi i} \cdot e^{\frac{1}{5}\pi i} \cdot e^{\frac{1}{5}\pi i}$ $V \cdot e^{\frac{1}{5}\pi i} \cdot e^{\frac{1}{5}\pi i}$ $W^{2} \int_{\Gamma} e^{i\theta} = 2 \int_{\overline{A}} e^{i\theta} \cdot e^{i\theta} = 2 \int_{\overline{A}} e^{i\theta} \cdot e^{$ 0 ミラナル <21 かとき、 れこ2 まり2個の似かぶ2か m=0.1 &t > \$ 7 ? 7 . e = 15 7 i