

analytic; talyor 好就 就什么 过程的 建空时,

Todo; 면解》 置时的.

| 13: \$254 \$250   | <del>j</del> .  | 1.2 坚全期阻止 辛勃约.                                    |
|---|---|---|
| ,   . 紫空門   |   | bi (a bi)   |
| $i = \sqrt{-1}  (i^2 = -1).$                                    |   | a. 3.   |
| Z = x + iy (x, y < R)   |   |   |
| 7=Re Z y= Im Z  |   | Z1 = 11 + 1 y1 = 2 = 12 + 14 2.                   |
| ex) z = 2 + 3i , Rez = 2 , Im z = 3 .                           |   | $z_1 + z_2 = (z_1 + z_2) + i(y_1 + y_2)$          |
| 이거한 돈은 (이다.   |   | 이는 두번만에 함히 게산다 같다.                                |
|   |   | ( to = (x1, y1) = (x2, y2)                        |
| Thm 1.1, C는 빨, 빙바, 오란병이 성납.                                     |   | $\vec{\alpha} + \vec{b} = (y_1 + x_2, y_1 + y_2)$ |
|   |   | [본] 은 워크로 바라니 거2                                  |
| 절대(): (군) = (지 yi   = J(1+iy)()-iy                              | = Jz =  | (1811) E 3/21=24=41 H21,                          |
| 型性件: z= x+iy = z= x-iy.   |   | ₹ (۵,6)   |
| Z-1 = ( = = = = -)-i4   |   |   |
|   |   |   |
| (252H)  |   | ₹ (a, -b)   |
| (1) Z+= - (3) E   | $z^2 = i$   | ·   |
| $z^2 = \pm i$   | $z = \pm \sqrt{z}$  | 정리 1.2 설계사이 기반되실 .                                |
| $z = \pm \sqrt{i} \text{ or } \pm \sqrt{-i}$ $z = \pm \sqrt{i}$ | 7+iy  | 21 1 21 2   |
|   | x2-y2+ 2i xy = 2  | 12/   |
| IJ²   | $-\frac{y^2}{4} = 0  \forall x = \frac{1}{2}$ $= \frac{1}{4}  \forall x = \frac{1}{2}$ $= \frac{1}{4}  \forall x = \frac{1}{2}$ | ₹,  |
| $\lambda^2$   | $= y^2  \beta = \frac{1}{2y}$   | ,   |
| オ=  | ±y 🐧  |   |
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$$\begin{array}{c} \underbrace{\text{tirty point 1}}_{\text{Re}}(ik, + i) \stackrel{?}{=} \stackrel{?}{=} 0 & \text{tir} & \text{Re}((ik, + i) \Rightarrow) = -k_2 \\ = 2 + i \cdot i_3 & \text{Re}(ik, + i) \stackrel{?}{=} 0 & \text{tir} & \text{Re}((ik, + i) \Rightarrow) = -k_2 \\ = 2 + i \cdot i_3 & \text{Re}(ik, + i) \stackrel{?}{=} 0 & \text{tir} & \text{Re}(ik, + i) \Rightarrow 0 \\ \text{Re}(ik, + i) \stackrel{?}{=} 0 & \text{tir} & \text{Re}(ik, + i) \stackrel{?}{=} 0 & \text{tir} & \text{Re}(ik, + i) \Rightarrow 0 \\ \text{Re}(ik, + i) \stackrel{?}{=} 0 & \text{tir} & \text{Re}(ik, + i) \Rightarrow 0 \\ \text{Re}(ik, + i) \stackrel{?}{=} 0 & \text{tir} & \text{Re}(ik, + i) \Rightarrow 0 \\ \text{Re}(ik, + i) \stackrel{?}{=} 0 & \text{tir} & \text{Re}(ik, + i) \Rightarrow 0 \\ \text{Re}(ik, + i) \stackrel{?}{=} 0 & \text{tir} & \text{Re}(ik, + i) \Rightarrow 0 \\ \text{Re}(ik, + i) \stackrel{?}{=} 0 & \text{tir} & \text{Re}(ik, + i) \Rightarrow 0 \\ \text{Re}(ik, + i) \stackrel{?}{=} 0 & \text{tir} & \text{Re}(ik, + i) \Rightarrow 0 \\ \text{Re}(ik, + i) \stackrel{?}{=} 0 & \text{tir} & \text{Re}(ik, + i) \Rightarrow 0 \\ \text{Re}(ik, + i) \stackrel{?}{=} 0 & \text{tir} & \text{Re}(ik, + i) \Rightarrow 0 \\ \text{Re}(ik, + i) \stackrel{?}{=} 0 & \text{tir} & \text{Re}(ik, + i) \Rightarrow 0 \\ \text{Re}(ik, + i) \stackrel{?}{=} 0 & \text{tir} & \text{Re}(ik, + i) \Rightarrow 0 \\ \text{Re}(ik, + i) \stackrel{?}{=} 0 & \text{tir} & \text{ti$$

| $ \hat{g}^{i} \hat{g}_{i} = F_{i} e^{i\Theta_{i}} $ $ \hat{z}_{2} = F_{2} e^{i\theta_{2}} $   | 예계 (13)  |
|---|--|
| Z, · Z = Γ, Γ, e · · · · · · · · · · · · · · · · · ·  | $Z_m = \frac{1}{n} + i \frac{n-1}{m}$ of through the   |
| ( = = = = = = = = = = = = = = = = = = =   | ٤٥٠, الا > 2   |
| $Z^n = r^n(\cos n\theta + i \sin n\theta)$  | $m_1, m_2 \mid N_1 \Rightarrow \lceil  A_{m_1} - A_{m_1} \rceil = \left  \frac{1}{m} - \frac{1}{n} \right  \leq \frac{1}{m} + \frac{1}{n} < \frac{2}{N} < \frac{2}{N}$ |
|   | $m > N \qquad \stackrel{k}{\downarrow} > \stackrel{\downarrow}{\downarrow}$  |
| हिला अप्रि  | $\begin{array}{c c} m > N & \stackrel{1}{N} > \stackrel{1}{M} \\ n > N & \stackrel{1}{N} > \stackrel{1}{m} \end{array}$  |
| Z" = Zo 를 반속하는 돈을 끊이 'n-제6군"  | 1 1 1 2 m + n  |
| Z= "√Z <sub>D</sub> or Z <sub>o</sub> "   | 도 문  |
| 6X) 5 <sub>3</sub> =  | 50 (문 <sub>미</sub>   문   일하다.  |
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| 우하님(∞) 과 (학장 복소与=11) ·  |  |
| ① 국천広 구한국 E - S 사용하기.   |  |
| $\Xi_{m} = \frac{n}{n+\lambda} = \frac{n^{2}+n}{n^{2}+1}$   |  |
| $\geq_{m} = \frac{n!}{n^{2+1}} + \frac{h}{n^{2+1}} \dot{i}$   |  |
|   |  |
| Pas 2m = 1 + 0 · i  |  |
|   |  |
| 데베 니 어맨듀얼의 박보다는 친구보의 등한값과   | <del>-</del>   |
| $(1) \ \Xi_{n} = (-1)^{n} + \frac{i}{n} $   |  |
| n=2k-1,   |  |
| $\mathcal{E}_{2k} = (-1)^{2k} + \frac{i}{2k} = 1$   |  |
| $\mathbf{z}_{2k-1} = (-1)^{2k-1} + \frac{i}{2k-1} = -1$   |  |
|   |  |
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| HA 2.6.  |  |
|--|--|
| $f(z) = \frac{z}{z}$   |  |
| $8 + \frac{1}{4} \text{ and } 1 = 1$                           |  |
| जिन के भारत किन्यु = - 1                                       |  |
| ≦ = ↓6,ie  |  |
| $ \oint (s) = \frac{L c_{\cdot,ip}}{L c_{\cdot,ip}} = 3 i_0. $ |  |
|  |  |
| $a(R) = 2 \cdot 10$ , $f(2) = Z^2$ $D = B(0:r)$                |  |
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