4.(2) 
$$\overline{Z_1 + Z_1} = \overline{Z_1 + \overline{Z_1}}$$
 $\overline{YUDA} = \overline{X_1} \overline{Z_1} = A_1 + b_1 i$ 
 $\overline{Z_1 + Z_2} = A_1 + a_2 - (b_1 + b_2) i = \overline{Z_1 + \overline{Z_2}}$ 
 $\overline{UUDA} = \overline{X_1} \overline{Z_2} = \overline{Z_1 + \overline{Z_2}}$ 
 $\overline{UUDA} = \overline{Z_1} \overline{Z_2} = \overline{Z_1} \overline{Z_2}$ 
 $\overline{UUDA} = \overline{Z_1} \overline{Z_2} = \overline{Z_1} \overline{Z_2}$ 
 $\overline{UUDA} = \overline{X_1} \overline{Z_1} = A_1 + b_1 i$ 
 $\overline{Z_1 Z_2} = \overline{Z_1} \overline{Z_2}$ 
 $\overline{UUDA} = \overline{X_1} \overline{Z_1} = A_1 + b_1 i$ 
 $\overline{Z_1 Z_2} = a_1 - b_1 b_2 - (a_1 b_2 + a_2 b_1) i$ 
 $\overline{Z_1 Z_2} = a_1 - b_1 b_2 - (a_1 b_2 + a_2 b_1) i$ 
 $\overline{Z_1 Z_2} = \overline{Z_1} \overline{Z_2}$ 
 $\overline{Z_1} = \overline{Z_1} \overline{Z_2} = A_1 + b_1 i$ 
 $\overline{Z_1} = \overline{Z_2} \overline{Z_2} = \overline{Z_1} \overline{Z_2}$ 
 $\overline{Z_1} = \overline{Z_1} \overline{Z_2} = \overline{Z_1} \overline{Z_2}$ 
 $\overline{Z_1} = \overline{A_1 + b_1} = \overline{A_2 + b_2} i$ 
 $\overline{UUDA} = \overline{X_1} \overline{Z_2} \overline{Z_2} \overline{Z_2} = \overline{Z_1} \overline{Z_2} \overline{Z_2$ 

$$|4. (1) (\sqrt{3}-i)^{5} = (2e^{-\frac{2}{b}i})^{5} = 3ie^{-\frac{5}{b}i}$$

$$= 70 = \frac{2}{3}k\pi$$
.

(1-i) 
$$\frac{1}{6} = 2^{\frac{1}{6}} e^{-\frac{2}{6} + \frac{1}{3} \frac{1}{2} 2}$$

21.4)











(9).

2). 
$$x=a\cos t$$
,  $y=b\sin t$ .
$$\frac{x^2+y^2}{a^2+b^2}=1$$

(3). 
$$x=t$$
,  $y=t$   
 $xy=1$ .  
 $xy=t$ ,  $y=t^{2}$ .  
 $xy=1.(x,y>0)$ 

(2). 
$$Z = a + ai$$

$$W = \frac{1}{a+ai} = \frac{a-ai}{2a^{2}} = \frac{1-i}{2a}$$

(4). 
$$W = H \sin \theta + i \cos \theta$$

$$= H \sin \theta - 2i \cos \theta$$

$$= 2.$$

$$27.0) W_1 = -i$$

$$W_2 = 2i(Hi) = -2+2i$$

$$W_3 = 8i$$

$$(2) \quad 0 < \arg W < \chi.$$

