$$2 = -1$$

$$2 = \alpha + b \cdot i \leftarrow \text{Olgebrai alak} \text{ on}$$

$$p(2) \quad \text{on} (2)$$

$$Z = W \not\in A = C \land b = d$$

Hosse 
$$|z| = r$$

Vektor hajlassinge  $\cos f = \frac{a}{7}$ 

$$Z = r \cdot \frac{a}{r} + r \cdot \frac{b}{r} \cdot i = r \cdot \left(\frac{a}{r} + \frac{b}{r} \cdot i\right) =$$

$$z = |z|$$
. (cos  $f + u$ -sinf)  
 $w = |w|$  (cos  $f + e$ . sinf)

Scorated: 
$$e \cdot \omega = |z| \cdot (\omega) \cdot (coo(x + \omega) + e \cdot cen(x + \omega))$$
  
Hatianyosas:  $z^2 = |z|^n \cdot coo(n \cdot f) + i \cdot bin(n \cdot f)$ 

$$(-1)^2 = (-1)^2$$

$$(2) \qquad Z = -2+7e \qquad Z = \alpha + e \cdot c$$

$$|Z| = \sqrt{2} + 2^{2}$$

$$\frac{4+3c}{-c)^2} = \frac{4+3c}{4-4c+c^2}$$

$$=\frac{23c}{25}=\dot{c}=\frac{0+\dot{c}}{25}$$

Konjugalt beersas:  $(a + ei) \cdot (a - ei) = a^2 + e^2$ (neveretes asonoscay)

$$\frac{(4)}{x+i-3i} = i-1$$

$$\frac{x+i-3i}{x-4} = i-1$$

$$\frac{(a-ei)}{a+e-i-4} = i-1$$

$$\frac{(a+e-i-4)}{a+e-i-4} = i-1$$

9+40 3a+6= ai+le?-4i-a-le+y
-65i+2a+6li-4ai+a=4

$$(2a-2b-4)+i.(2b+5-4a)=0$$

$$-2a + 1 = 0$$
 $a = \frac{1}{2}$   $C = -\frac{3}{2}$ 

argunortun = hajlasorog

1-loose= ~=(21= Ja2+6?] = J4+257 = J297

$$Z = |\chi| \cdot (\cos \beta + i \sin \beta)$$

$$\cos \beta = \frac{2}{|\chi|} = \frac{2}{|\chi|} \sin \beta = \frac{e}{|\chi|} \frac{e}{|\chi|}$$

$$= \frac{e}{|\chi|} = \frac{e}{|\chi|} \sin \beta = \frac{e}{|\chi|} \frac{e}{|\chi|}$$

trig alakya 2= r- (cos/+ e. sin/)

 $Trig alakya \qquad 2 = r \cdot (\cos \beta + i \cdot \sin \beta)$   $T = |z| = \int_{1}^{2} |z| = \int_{1}^{2} |z|$   $Sin | = \int_{1}^{2} |z| = \int_{1}^{2} |z|$   $Cos | = \int_{2}^{1} |z| = 45^{\circ}$   $2 = \int_{2}^{1} |z| + \int_{1}^{2} |z|$   $2 = \int_{2}^{1} |z| + \int_{1}^{2} |z|$   $|z| = \int_{1}^{2} |z| + \int_{1}^{2} |z|$   $|z| = \int_{1}^{2} |z| + \int_{1}^{2} |z| + \int_{1}^{2} |z|$   $|z| = \int_{1}^{2} |z| + \int_{1}^{$ 

1. új szakasz – 3. lap