06.1021 11 27 11. 2021. IKP " ITK 08. 01. 2022 DKP " II TK 518 Kad.; stoya nova@fminuni-safia.lg Komme com mana NEZEQEREC cerry y.z. pay Pi X-5=0 2X-1=0 X+1=0X=7=0 X+5=0 +M(xig) ex

 $F-\mu n60$, neupasno, $\alpha, 66F$, $\alpha=6$, C={z=(x,y) | x,yeR3, REC $Z_1=(x,y)=Z_2=(\alpha,b) \iff X=\alpha R$ Deformance onepaying cachpane + 2,2 E C > 2,+2,=2 E C Z1+Z2=(X,y)+(a,b)=(x+a,y+b) & C A1) + 21, 2, 3 EC - a coyua reben (2,+2)+2, = 2,+(2,+3) 10 44; (3,+是)+是=3+(是+3) (F, +, AL) - wonynpyna; As) I 0=(0,0) & ¢; HZEC: Weyopanen (myreb) ent 0+2=2+0=2 2+(-2)=(-2)+2=0 A3) tzeg J(-2) e ¢: Upotubouo 10 xex na Z ent AY) + 21, 2 € ¢ (F, +, A1+A3)-rpyona, (F, +, A1+A4)-aderelog (Fom.) (P). 21+22=2+21 KOMYTATUBEN 3-4 ME+ Defusurane arepayes yours permes YZ1, Z2 G C >> Z1.Z2 := Z=(Xa-y6, Xb+ya) A5) acoguaruben zakon kor "," ¥ 34 3, 2, €¢ ; (33) 3 = 3, (33) AG/ I 1= (1,0) € C: YZE C: 12=31=2 regorane (egusuren) ent A7) $fz \neq 0$, $z \in I$, Jz^{-1} : $zz^{-1}z = z^{-1}z = 1$ of paren na z ent (F, , A5) mongop.; (F, , A5+A7)-Pp. Ав) комутативен закон на : X Z1, Z6 C 1 Z1 Z= ZZ1 (F, ., AS-A8) - a den. (KOM) Pogra A9) quaprogrubres saxones: Y Z1, 3, 3, 60 (21+3)3=213+33; 弘(元十分)=五元十五分;

F, +, · , 0 = 1, (-2), Al+Ay - aden. p. ornocro + 8=E-MESCIEN A9 CTEX c 1 A1+A4, A5, A6, A9 A1 + A4, A5, A6, A8, A9 - Kongranian upocoen c1 Пр. Н е конутапивен при с1. A1+A9 - WONE Manobo wore: Q & IR & C yf-, M(x,y) => 2 = ¢ \bar{i} -unarriepux; $\bar{i}=(0,11), \dot{i}=(-1,0)=-1$ egumusar;

$$\begin{array}{l} (x,0) + (0,y) = x + yi \\ (x,0) + (0,y) = x + yi \\ (y,0)(0,1) = yi = (0,y) \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage} \\ (x,y) \in \mathbb{R}, \ e^{\frac{2}{3}} - 1 \} \ \text{biny tage}$$

 $\frac{z}{|z|^{2}} = \frac{x - yi}{x^{2}ty^{2}} = \frac{|z|^{2}}{|z_{1}z_{2}| - |z_{1}|/|z_{2}|}$ $= \frac{x}{x^{2}ty^{2}} + \frac{(-y)}{x^{2}ty^{2}}; \quad \frac{3a\delta}{|x-5| - 7|} |x-5| - 7|$ $= \frac{x}{x^{2}ty^{2}} + \frac{(-y)}{x^{2}ty^{2}}; \quad \frac{3a\delta}{|x-5| - 7|} |x-5| - 7|$ $= \frac{z_{1}}{x^{2}ty^{2}} + \frac{z_{2}}{|z_{2}|^{2}} = \frac{z_{1}\overline{z}_{2}}{|z_{2}|^{2}}$ $= \frac{z_{1}\overline{z}_{2}}{|z_{2}|^{2}} + \frac{z_{2}\overline{z}_{2}}{|z_{2}|^{2}}$ $= \frac{z_{2}\overline{z}_{2}}{|z_{2}|^{2}} + \frac{z_{2}\overline{z}_{2}}{|z_{2}|^{2}}$ $= \frac{$

$$(1+\bar{a})^{2021} = C.p.$$

$$(a+b)^{7} = a^{7} + \sum_{k=1}^{n}$$

$$dopenynce ker k=1$$

 $(a+b)^n = a^n + \sum_{k=1}^{n+1} {n \choose k} a^k b^{n k} + b^n$ Appenyace here $(a+b)^n = a^n + \sum_{k=1}^{n+1} {n \choose k} a^k b^{n k} + b^n$

 $a^{n+1}\binom{n}{1}\alpha^{n}b^{n+1}+\binom{n}{2}\alpha^{2}b^{n+2}+\binom{n}{n-1}\alpha^{n}b^{n}+6^{n}$

 $\binom{n}{k} = \frac{n(n-1) - (n-k+1)}{k!} \in \mathbb{Z}$

Dunguest Koefsnynesor $x^{2}+1=x^{2}-i^{2}=(x-i)(x+i)=0$

 $X = \bar{a}, X = -\bar{a}$ $ax^2 + bx + c = 0$

1-1 He X112 = -6 + (18)

~= Vx3y2 =/2/, X= cosso, y= Z= & (cossotissiso) thereo = cos (80+2x\$) = = = (cor(&+2kgh)+i801(&+2kg)) \$0 € [0,291) 12-woggn 2 Lo = Argz - rouben apryments na 2 - aprymeser na Z 9 = go + 2KA Grobopoxa 300 300gazu: 90 E [0,54]