Jadamis a kypica HSE 1) 2 < 12 - 11 < 4 W(Z) = |Z - i| = W(Z - i) = |Z|S= t12 -> S= t1, 2- t1,2 S= t(42-12) = 12t 2) 12-42/+12+42/=10 1x+iy-4i1 + 1x+iy+4i1 = 10 $\int x^2 + i(y-4)^2 + \int x^2 + i(y+4)^2 = 10$ 121= 122* => 12-4:1= 12/18/(x+i(y-4))(x-i(y-4)) 17 +4:1 = [x+i(y+4)](x-i(y+4)) $\int x^2 + (y - 4)^2 + \int x^2 + (y + 4)^2 = 10$ ellipse - r, +r₂ = r_a $|z-r_i|$ $|z+r_i|$ $|z-r_i|$ $|z-r_i|$ $|z-r_i|$ $|z-r_i|$ $|z-r_i|$ $|z-r_i|$ $|z-r_i|$ a = 6 + c = > 5 = 6 + 42 $\overline{Im} \frac{1}{2} = 1$ 1 m 1 = 2* = 2* = 12/2 = x2+y2 # 1 mm may " 1/2" = 12/2 = x2+y2 # 1 mm may " 1/2" = 12 $Im z' = -\frac{y}{x^2 + y^2} = 1 \implies -y = x^2 + y^2$ $x^2 + y + y = 0 + y + 1$ x +y +y + + = + $x^{2} + (y + 0.5)^{2} = (0.5)^{2}$ x2+(y+1)2=y+1