2) Pyrecepuer koncensercitoro nefrenciento Garobers. Roccie - Princarea Teometpresecció cuerció aprymerera u mogyna infraezbognos. y = (x, y) = x+ iy ∈ C - roundercupe rucceo & = Re Z - Benject Bennan racto, y = Im Z - unucuean racto M. Z = 2/cosep + ising) - nouspecar popula Z 2ge 2 = 12 =: |Z| - magy 16 Z y = Arg (Z) - aprysieut Z CB-60; 13,721=17,12 Aug 2 - 1 aug 2 + 21/2, k = 73 192 000 2122 0 000 22 TC = CV103 - nonoutreture Chapule np-Bo c required 11711=121 Onp. I ecto un-bo MCC. Ecru I zakon, no dony to ze un coot Betct Byet rucho no E C, mo roboper, 200 zagana p-your fi W=f(Z) Chp. of D. objacto C, ZEB, W(Z): \$ > C, 7.68. Torga ruero lin 20(2)-20(20) E C nazorb. ipouzhognoù =: w'(zd), P-une w/z)-gerff-a 67. Zo
(econ 7 ein) Trumpor: 1. f(7)= 72: + 708 C $f'(z_0) = \lim_{z \to z_0} \frac{f(z) - f(z_0)}{z - z_0} = \lim_{z \to z_0} (z + z_0) = 2z_0$ $2. f(z) = Z : \lim_{z \to z_0} \frac{z - z_0}{z - z_0} = \lim_{h \to 0} \frac{h}{h} = \lim_{h \to 0} \mu(h) - A$ $f(h) = \frac{h}{h} = \lim_{h \to 0} \frac{h}{$ 476. W(2)-guff-a 6 T. 70 (2) W(2) + A(7-20)+0 (12-20) (2)-gupp => W(2)-2W(20) -> A=W(20)=> W(2)-W(20)=(2-20)(A+0(1))

Mesperela I / yourbus House - Ruseaux): Tw/2) enpegerena 6 or D = Z = x+iy, w=u+iv morga 6 oor D CR2 noobweece gee p-yeur I n(x,y) u v(x,y) - R-guffepenerupyenor 6 th, morga P-yus w(z) - C-gupp-wa & D <=> Jui = vy , tzeto Onp R-guppeperungenoers from w= 2+io des Onp. C-geogreenenpyenocts & your W= 4+ iv = 100 $U(x,y) = U(x_0,y_0) + A(x-x_0) + B(y-y_0) + \overline{\delta}(V(x-x_0)^2 + |y-y_0|^2)$ $V(x,y) = V(x_0,y_0) + C(x-x_0) + D(y-y_0) + \overline{\delta}(V(x-x_0)^2 + |y-y_0|^2)$ 29e A = (24) (xo, yo) = 1/x (xo, yo), B= Uy (xo, yo), C= Tx (xo, yo), D= Ty (xo, yo) => $w(z) = w(x,y) = u(x,y) + iv(x,y) = u(x_0,y_0) + iv(x_0,y_0) + iv(x_$ Notur upobeputo, eto W/2)=W/20)+(0+ib)(2-70)+0(12-20)= = w(20) + (a+ib)(x-x)+ (-b+ia)(y-y0)+0(== 201) Ecru Ja+i6 = u½ (xo,yo)+i v½ (xo,yo), To nougrum C-gufq-16
1-6+ia = u½ (xo,yo)+i vý (xo,yo) u naosopot 1/2 = 1/2 (xo, yo) = Vy (xo, yo) - Fro your Puncaua 16 = Vx (xe, yo) = - Uy (xo, yo)

Freelest wasperry Buga: dw=(20) Dry Figure F-ranoinoppina BT. 20 ecus ora gusto Ma Brokke (r.e. q-yene f anpegererea 6 ora-Tu T. 20) Meneres Tu I lim (f(2,+27)-f(2)) & C Recelleg: 7 f-were f- enpegmena 8 pxp-Tu T. 20 If (70) (C-gerppeper veryyana 6 T. 70 Теорена и респетрический смыся шодумя и артичента 1950 - omkp. 214-60, \$: A - C - C-gupp. BTZ. ED Torga du - raunozurus nocepora u pacinulius/
cruatus, nperie 12/12/1- 120 Spanner pacinulius,
org 20/12/1- 120 Spanner pacinulius,
org 20/12/1- yran nocepora.

12 10 - C-quip 6 7.2/2 (cosep-sinp)
olu= (ux Ui) = (a - 6) = Va2+622 (cosep-sinp)
sine cosep
experience un company cosep
experience un company cosep め(その) +0 а) т.к. W/до)-ироизводием по всем направлениям одинакова, т.е. не зависит от ф TO w/20 = (ux+ivx)/2 = a+i6 - mous boque ono $\frac{1}{5} |w'(2s)| = \sqrt{\alpha^2 + 8^2}$ $\frac{5}{5} |w'(2s)| = \sqrt{\alpha^2 + 8^2}$ $\frac{2}{5} |w'(2s)| = \sqrt{\alpha^2 + 8^2} = \cos 2\theta$ $\frac{1}{5} |w'(2s)| = \cos 2\theta |w'(2s)| = \frac{2}{5} = \cos 2\theta$ $\frac{1}{5} |w'(2s)| = \frac{1}{5} |w'(2s)| = \frac{2}{5} = \cos 2\theta$ sin wigw (2) = 8 = sinep (3)