MYC. eim an = 0 - 1 moce Sin x \ 1900 aresinx arctax 2 5 7 > Pacx og 2>1 -> cxeg Quillo e-1 (n(1+xc) 1-cosx ~ xx Ebn - exog @ an She & Ean - exog 6 -1 ~ 20 ln 6 - Packog & Oa > ba & ZOA - Pack. 609 (1+X)~ 7/16 SJ Eari Ebr - 60 7 of a page cin ge = 14 \$ 0 Tens or pock (1+X)-12 bx CXOS OF POCKAG. Z = x + i 4 = <1 → cx0g. >1 → cx0g Darand)  $= r(\cos\varphi + i\sin\varphi) = re^{i\varphi}$ liman = D a;a!;1)1)... = 1 > rui oi6. Cagurosons lim Va. = D 1 Carcing Exxo I; IV arg = d = 1 1 1 are19 \$ 11 -11 + areys x 111 Mures Sun (4) of congt = cxcg. x=0, y>0  $e^z = e^x (\cos y + i \sin y)$ V=0, 4 <0 K+0 - 5161 ELCT. RX901 Eim Un = Dok = 0 > x 6(00;00) sin 2 = 2i ; cos 2 = 00 > Packog 22 BHOK OLE POS 2 463 Eleal J- MXC MUERUS CIMUNIO  $\frac{ShZ}{2} = \frac{2}{eh^2} = \frac{2}{2}$   $\frac{3iuna}{e^{2ia}} = \frac{eh^2}{eos} = \frac{2}{isind}$ ade. + Poex Paul Pa COSO = 1 COS(= II n) = (-1) Sino = 0 Sin II n = 0 sin (12) = ish 2 | ch (12) = ms 2 cos(iz): ch 2 | 31 (12) = i sin 2 Ln Z = ln(2) +i (0192 +2 TK) 0 0 0 zena acc 30年空景与 f(Z) = 2(x,y) + i 25(x)y)  $\frac{\partial \mathcal{U}}{\partial x} = \frac{\partial \mathcal{V}}{\partial y} = \frac{\partial \mathcal{V}}{\partial x} = \frac{\partial \mathcal{V}}{\partial x}$ 60 73 15 1 13 5 0 -Sin(2+Bi) = Sind chB + i eas & sh B 110 時間上 cos (L+Pi): cost chB-isins shB  $Z = x^{3} + 3x^{2}yi - 3xy^{2} - yi$ 150 56 /2 - 3 3  $\frac{M/ABPA:}{w-\sqrt{2}} = z = z = \frac{eog(argz + 2\pi K)}{r} + is;r()$ 180 TT 0-1 0 Рад ворона. E Ca(2-20) = E Ca(2-20) + E Ca(2-20)

NOTULE DE CA(2-20)

NOTULE DE CA(2-20) 000 doe 5 .: Zo - yothan: Cim (2) = consi Zo - noise 2 +20 morrock MYA cogepozeur (n) zurob Zo- exycorder : eim &(z) - # 121 cogerxui a zunol

f(z): sin z-z.

f(z): cos z-z. | zo - 0c. T. f(2): 02.20 Bure TK: Zo - Jerton. Nesf(Zo) = 0 20 - cyuseci8: 109 8 (2.) = W/(2. f(2): (2-5) cos Z-5 v (2 s) (1 - d + 4! (2-2.) Zo=5 - cy 4 D Nesf(20) = 2 Zo- NOUNC nopagox (Z-Zo) 17(1): resf(z.) = lim (f(z)(z-2) 1(2) rest(20) = 20m ((f(3)(2-20))) M(n): rest(20) 2 (0-1): 2+20 dz n-1 (2-20)