homoporouse padora No Boquerer 2. $\frac{1}{(1-i)^{\frac{1}{2}}} = \frac{(1+i)^{\frac{1}{2}}}{(1+1)^{\frac{1}{2}}} = \frac{(1+i)^{\frac{1}{2}}}{(1+1)^{\frac{1}{2}}} = \frac{(1+i)^{\frac{1}{2}}}{2} =$ [212514] 252 Grarctg 7 = aretg 1 = 4. 22 52 (65 4 + i S; n = 1) (E) 52' (Cos 1277 + i Sin 127) = Po 26 (Cos 391+ csin 377) - 2 (-1+ c.0)= €) ZZ-5+50 LZ/Z(-5)2+52 Z 50=552. = -4+ 1873 4. 22552 (los 4+csin 4). (3) Z6+6420 Z62-26 Z2-26 12/2/(-2/6)2+072 2 2 26 (COS +1+i Sin T) 27 2 4 7 2 60 267 (608 81+281K + iS, 1 +1281K 120 Z = 2 (los = to sia =) = 2 (2 + 2) = 3 + c. 1 Kd 22 2/Cos 2 tisin 2 22 i. 122 Z 2 2 (Cos 6 + i Sin 6) = 2 (-33 i) = -53 +i. K=3 2=2 ((c) = 777 + (Sin = 77) = 2 (-53) - () = -53 - (.

Kzu #22 (605 37 + cisin 37) 22c. K25 2 = 2 (Cos = + i giu =) 2 2 (\frac{53}{2} - \frac{1}{2} \right) = 53 - i. (4) 3/21-Re2212 35x21g27 - × 212 6 2 2x 2-12 (12+ x) (2) 9) 19 x 2+9 y 2=144+24x+x 2 5 2 8 (x - \frac{3}{2}) 2 +9 y 2=162 63 (nouverune znavene x бурея 3 - 2 = -3 \ = -2)

2 (x,y) = 1 - x2+y2 02 2 2 x 4 2 - 04 04 u(x,y) = - 1 2xy dy = - 1 xd(x2+y2) = = (x) + C(x) 04 2 (x2+y2)2 + C(x) = (x2+y2)2 + C(x)2 f(x,y)= u(x,y)+ice(x,y)= (x24y2)+C+ + ((I - x2+y2 2 C + i + (x+ig)(x-ig) 2 2 Cti + tiy = Cti+ =.

Sin z = $\frac{e^{iz}-e^{iz}}{2i}$ $\frac{e^{iz}+e^{iz}}{2i}$ $\frac{e^{iz}+e^{iz}}{2i}$ $\frac{e^{iz}-e^{iz}}{2i}$ $\frac{e^{iz}-e^{iz}}{2i}$ $\frac{e^{iz}-e^{iz}}{2i}$ $\frac{e^{iz}-e^{iz}}{2i}$ $\frac{e^{iz}-e^{iz}}{2i}$ 6hzz ez + ez cth = ez - ez Siniz=ishz (5 e'= losz+isinz e = losz-csinz. Cosizzchz e z ch z + Shz e = chz - shz. She=i Sinz Chizz Cosz. Sin2z+cos2z=1 ch2z-gh2z=1. Sin(z, ± Zz) z Sin z; los zz + los z, sinze Cos(z, ± ze) z Cosz, cosze 7 Sinz, Sinze er= 2 Sh(z, tzz)z Shz, chzz t chz, shz mz=w en (Z, tzz)z chz, chzz tghz, shzz. Arcsinzziln (iz+51-zi) Arshzz Ln(z+5+zi) Arctg 2= = Ln(z+[2-1]) Archz=Ln(z+[2-1]) Anctog 22-24n 1-12 Arth 2-24n 1-2. Arcotg = 24 h = 2+i Arcth = 2 = 2 h n = -1