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Monthy of the Ton Their $\frac{\partial u}{\partial x} = \frac{\partial u}{\partial y}$, $\frac{\partial u}{\partial y} = -\frac{\partial u}{\partial x}$ $\frac{\partial u}{\partial y} = -\frac{\partial u}{\partial y}$ $\frac{\partial u}{\partial y} = -\frac{\partial$

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 $f(z) = h \frac{f(z + \Delta z) - f(z)}{\Delta z} = h \frac{\Delta f}{\Delta z} = h \frac{\Delta u + j \Delta z}{\Delta u + j \Delta y}$ $\Delta z \rightarrow 0 \qquad \Delta z \rightarrow 0$ $20 \qquad \text{Inval} \quad \text{Inval}$: ではっているからこう 206/ (kilvhois 20/6 $\begin{cases} \Delta \chi \to 0 \\ \Delta y = 0 \end{cases} \begin{cases} \Delta \chi = 0 \\ \Delta y \to 0 \end{cases} \qquad \omega dy \to 0 \end{cases}$ f(2) = h sutstar = h su +h y xv $\int f(z) = h \frac{\Delta k + J \Delta v}{\Delta u + J J \Delta x} = h \frac{\Delta u}{\Delta u} + J \frac{\Delta u}{\Delta x} = \frac{\partial u}{\partial u} + J \frac{\partial v}{\partial x}$ $\Delta y = 0$ $\Delta u + J \frac{\partial u}{\partial x} = \frac{\partial u}{\partial x} + \frac{\partial u}{\partial x} = \frac{\partial$

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m J171=22 - NU" f 121=22 015 of sels of eight of project. o it distribution. De 1171= 22= (x+yy)= 22y2+2yny $\{h=\chi^2-y^2=0 = 2\chi, \frac{\partial y}{\partial y}=-2y, \frac{\partial y}{\partial y}=-2y, \frac{\partial y}{\partial y}=-2y$ · The su In I i of do $= 3 \int_{(12)}^{\pi} 22 = 22 + 244$ 100 END TON 2) $f(t) = \frac{\partial f}{\partial x} = \frac{\partial u}{\partial x} + y \frac{\partial v}{\partial x} = \frac{\partial x}{\partial x} + \frac{\partial y}{\partial y}$ = -j[-2y + j 2x] = 2x + 2jy3) f (71= - j H= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [= - j [

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in it is a serior in it is in flat or flat or flat or in flat or i تا باین در مید نقط میرا ارزیم ش نربر با نیر وزن ترط عطتی یک بی دا ناه ادر لیج نوفه ال $f(2) = |2|^2 = x^2 + y^2 \implies u(n_1 y) = 9x^2 + y^2, v = 0$. Therefore $\begin{cases} u = x^2 \longrightarrow \frac{\partial u}{\partial x} = 2x \\ v = y^2 \longrightarrow \frac{\partial v}{\partial x} = 0 \end{cases} \xrightarrow{\text{Pl21}} 2x = 2y \longrightarrow x = y$ $= 2x = 2y \longrightarrow x = y$ $= 2y \longrightarrow x = 2y \longrightarrow x = y$ $= 2y \longrightarrow$

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نج ١- قبح وطالف و الم العلى ترقيع الغلى ، كلى ى بالما $f'(2) = \frac{\partial f}{\partial x} = -\frac{\partial^2 f}{\partial y}$ $\int \frac{\partial f}{\partial x} = -\frac{\partial^2 f}{\partial y}$ $\int \frac{\partial f}{\partial x} = -\frac{\partial^2 f}{\partial y}$ $\int \frac{\partial f}{\partial x} = -\frac{\partial^2 f}{\partial y}$ ·v// z=2+3/ / / / / / Real/flz)=e cy+n -d~ $f(z_0) = \frac{of}{\partial x} = \frac{ou}{ox} + j\frac{ou}{ox} = (1 + e gy) + je smy$ = (1 + e gy) + je smy = f(2+3j) = (1 + e G3) + je S3041000

f 121 = u(r, 01+yv(r,0) $f(t) = \left(\frac{\partial u}{\partial r} + j\frac{\partial u}{\partial r}\right)e^{-j\theta} = e^{-j\theta}\frac{\partial f}{\partial r} = \left(\frac{\partial u}{\partial r} - \frac{1}{r}\frac{\partial u}{\partial \theta}\right)e^{-j\theta}$ سرف لعلى من الله عن ال . Troms féer c's allo $\int_{2\pi}^{2\pi} \int_{2\pi}^{2\pi} \int_{2$ Snit/2=0=) 1/2=nII => 2= 1/2 | Snit/2

OMO in mendo mondo mondo minimo de institución de i $\forall u = 0 = \frac{\partial u}{\partial x^2} + \frac{\partial u}{\partial y^2} = 0$ $\sqrt{u} =$ $\frac{\partial u}{\partial v^2} + \frac{1}{1} \frac{\partial u}{\partial v} + \frac{\partial v}{\partial v^2} = 0$ on, we will be $u_{nn} = \frac{-n^2 + y^2}{(n^2 + y^2)^2} \longrightarrow u_{nn} + u_{yy} = 0$ = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 =in white in Many)=esung.

:06/1/2/6me f121=4+72 /1-nei . いしいいいいい し, に - シリン f(21 = mlnig) + y vlnig/ www one city cirty of -1 crise cit DU = DV 200 OU = SU OU = DU TON $\frac{\partial^2 u}{\partial x^2} + \frac{\partial^2 u}{\partial y^2} = 0 \implies \nabla u = 0$ ou ou dito Tico k Col,

ulnig), in, or out of of 121=ulny1+jolnig) C! 11 -100 in fle) gus (fish; we sid to). Wi int Dlay) I'm wifing

while $\frac{\partial u}{\partial x} = \frac{\partial u}{\partial x} = \frac{\partial v}{\partial y} \Rightarrow \frac{\partial u}{\partial x} = \frac{\partial u}{\partial x}$ $\frac{\partial u}{\partial y} = \int_{\infty}^{\infty} = \frac{\partial v}{\partial x} = \frac{\partial v}{\partial y} = -\left[\int_{\infty}^{\infty} \frac{\partial u}{\partial y} dy\right] - \frac{\partial u}{\partial y}$ ulny) = ? ples = D(x) (m =) W(x14) => Ø(n) = b. 5, Las ei, 1, -1; W. west i shoul unig/= 3-3 ng 2 1600 8/4/9/=? NN/=?

ig, 2 rejert flæl=ulægl+jælægl ikax-12 sols/ja=0 k 2-n/f lies, a $f(x)y = y^3 - 3xy + j(x - 3xy^2 + C)$ $f(x)y = y^3 - 3xy + j(x - 3xy^2 + C)$ $f(x)y = y^3 - 3xy + j(x - 3xy^2 + C)$ $f(z)|_{y=0} = j(z+c)$ x=z x=z y=0 x=z y=0 x=z y=0 x=z y=0 x=z y=0 a(n,y1=28m(ylu2)+C f(n1y) = 2 Cs(yh2) + y (2 snilyh21+c) = 2 f(z) = 2 + yc Indersity or words f city - pr f(z) = f(r, 0) r = z

Endring = - nthe militarion of the sing tent in the series of the sing of the eije, nit ins u= csbn cshy sint install b , lin-2015 いからこかららうしい b= ±1, 2 = - Smn. Snhy+C $u(n_1y) = x^3 + bxy + cxy^2 + y^3$ stil const still = utyre /1-1 vis 26. NSI IN 1 SlE1 N.C. f(21=(1-i)2