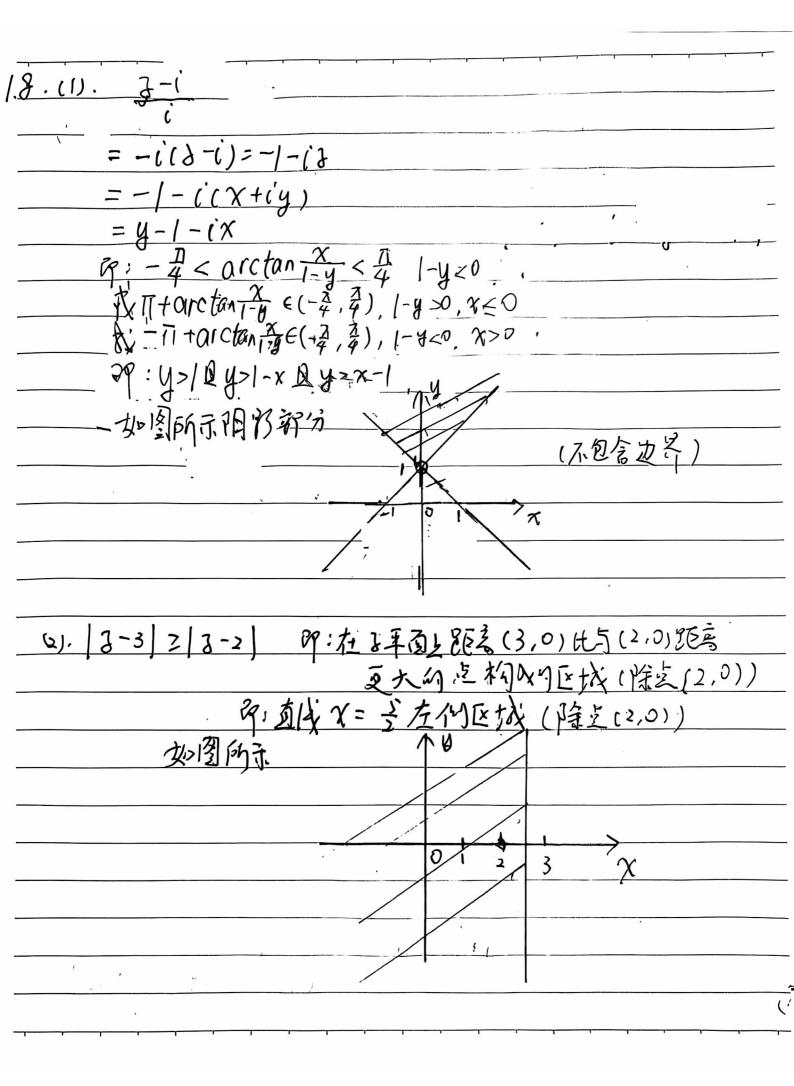
cos0+cos20+--+cosn0= cos0+cosn0-cos(n+)0-1 20240927 作业2. 1.6 11, 3= x+('y Q1- Atiy = acost + ibsint  $y = a \cos t$   $y = b \sin t$   $\frac{2}{n^2} + \frac{y^2}{h^2} = 1$   $\frac{2}{n^2} + \frac{3}{h^2} = 1$  $1.7.0.(3-1)(\overline{3}-1)=4(3+2)(3+2)$ 323+92+93+15=0 ア 33+33+33+5=0-(ガナiy)(X-(y)+3(X+iy)+3(X-iy)+5=0. ハ2+y2+6X+5=0· 星園心治(-3,0),半径初2州園  $(J, (J-\alpha)(\bar{J}-\bar{\alpha}) = (J-\bar{\alpha}\delta)(J-\bar{\alpha}\bar{\delta})$ 3 J-aj-aj+aa= 1-aj-az+aazz  $(|a|^{2}-|...)(|z|^{2}-|...)=0$   $2:|a|^{2}<|...$  $||\mathbf{z}||^2 - |\mathbf{z}|^2$ 即131=1



(3)、水:平到、距底(2,0)和(-2,0)之かりかりか
(3)、对:平到路底(2,0)和(-2,0)之和少于5个区域
$\frac{7?}{\left(\frac{5}{5}\right)^2} + \frac{y^2}{\left(\frac{3}{5}\right)^2} = \frac{1}{1} + \frac{1} + \frac{1}{1} + \frac{1}{1} + \frac{1}{1} + \frac{1}{1} + \frac{1}{1} + \frac{1}{1} + $
$\frac{\left(\frac{5}{2}\right)^{2}}{\left(\frac{5}{2}\right)^{2}} \left(\frac{3}{2}\right)^{2} - \left(\frac{3}{2}\right)^{2}$
对应出版为中心为底之,实轴长为1, 半丝色为2约双曲成
对应勘设计心为底之,实轴长为1,半年已为2约双曲风
$\frac{\mathcal{Y}^{2}}{\left(\frac{1}{2}\right)^{2}} = \frac{\mathcal{Y}^{2}}{\left(\frac{10}{2}\right)^{2}}$
对应区域处别;
一大 (不会办案)
$\frac{1}{9}$
9. 7= 1+ (y -1< y =1
$\frac{-(1 + 1) \cdot (2 + 1)}{2}$
1/= ) u
$\Re: U = I - \frac{1}{2}$
27-15451:-25152
· 是加加的战在4辆站的部分
(含点(0,2)和(0,-2))

-

$$10.(1)$$
,  $3 = x + (x)$ 

$$\frac{1}{-\frac{1}{x+ix}-\frac{1}{2x}-\frac{1}{2x}i}$$

$$\Re \int U = \frac{1}{2x}$$

$$V = -\frac{1}{2x}$$

$$-\frac{1}{\chi+iy}=\frac{\chi-iy}{\chi^2+y^2}$$

$$=\frac{\chi_{-i}y}{2\chi}=\frac{1}{2}\frac{y}{2\chi}i$$

$$P \int U = \frac{1}{2}$$

$$V = -\frac{1}{2}$$

$$\frac{\partial P}{\partial V} = \frac{1}{2X} - \frac{1}{4}$$

邓山三三,为山平历之约一条近的(除达(三,一年)

松阳石存在

## 八段限不存在

$$-\frac{1}{2} \frac{1}{2} \frac{3^{2} - 3^{2}}{12}$$

$$=\lim_{\substack{\chi\to 0\\ y\neq 0}}\frac{2xy}{\chi^2+y^2}$$

$$y = kX \qquad \lim_{\chi \to 0} \frac{2\chi y}{\chi^2 + y^2} = \lim_{\chi \to 0} \frac{2kX^2}{(|tk^2|)\chi} = \frac{2k}{|tk^2|}$$

$$y = kX \qquad \lim_{\chi \to 0} \frac{2\chi y}{\chi^2 + y^2} = \lim_{\chi \to 0} \frac{2kX^2}{(|tk^2|)\chi} = \frac{2k}{|tk^2|}$$

$$|\Delta k| = kX \qquad |\Delta k| = \frac{2k}{|tk^2|}$$

Dalo.

0:

$$\frac{3}{3} \rightarrow 1 \frac{(3+1)(3-1)}{(3+2)}$$

$$= \lim_{\delta \to 1} \frac{3+2}{\delta+1} = \frac{3}{2}$$

		-	-		
(2),	lin_		( ;	9	)
	7 40				

$$\frac{1}{\sqrt{3}} \frac{1}{\sqrt{3}} \frac{1}{\sqrt{3}$$

$$\frac{\lim_{x\to 0} \left(-\frac{x^{\frac{1}{2}y}}{x^{\frac{1}{4}+y^{\frac{1}{2}}}}\right) = 0.$$

$$\frac{\left|\begin{array}{c} \chi^{3}y \\ \chi^{4}+y^{2} \end{array}\right| \leq \frac{\chi^{3}y}{\chi^{4}+y^{2}} \leq \frac{\chi^{3}y}{\chi^{4}+y^{2}}$$