$$7 - x + i\gamma$$

$$1 = 121 = \sqrt{x^2 + y^2}$$

$$\theta = \tan^{-1} \frac{y}{x}$$

2 = 12/2 0 ->

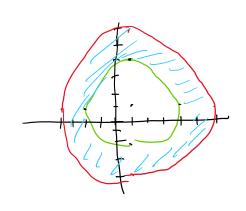
$$Z_{1} = \Gamma_{1}e^{i\theta_{1}}$$

$$Z_{2} = \Gamma_{2}e^{i\theta_{2}}$$

$$Z_{1} + Z_{2} = \Gamma_{1}e^{i\theta_{2}} + \Gamma_{2}e^{i\theta_{2}}$$

$$Z_{1}Z_{2} = \Gamma_{1}\Gamma_{2}e^{i(\theta_{1}+\theta_{2})}$$

$$Z_{2} = \Gamma_{1}e^{i\theta_{2}}$$



$$\frac{f(z)}{u_x} = \frac{u + iv}{u_y}$$

Pers. Laplace
$$\frac{\partial^2 y}{\partial x^2} + \frac{\partial^2 y}{\partial y^2} = 0$$

$$\begin{cases}
(*+i\gamma) = (*-\gamma^2 + 5) + i(2x\gamma) \\
+ (ol PCR : u_x = 2x = 4y, 2y \\
u_y = -3y = 4y = 2y
\end{cases}$$
* Thrum : $5'(x+i\gamma) = 2x + i2\gamma$

$$f'(x+i\gamma) = 2(x+i\gamma) \\
f'(2) = 22 \\
5(2) = 5(2) = 2^2 + C$$
* $5(x+i\gamma) = (x+i\gamma)^2 + C$

$$= x^2 + 2x\gamma + C = (x^2 - x^2 + 5) + i(2x\gamma)$$

$$C = 5$$
* $5(2) = 2^2 + C = 2^2 + 5$

$$U(x, y) - x\gamma \qquad V(x, y)$$
* $PCR : u_x = y = v_y = \frac{3v}{3x}$

$$u_y = v_y = \frac{3v}{3x}$$

$$v_y = \frac{3v}{3y}$$

$$v_z = \frac{3v}{3y}$$

$$u_{y} = -V_{b}$$

$$x = \frac{\partial}{\partial x} - \left(\frac{1}{2}y^{2} + g(x)\right)$$

$$x = -g^{3}(x)$$

$$g(x) = \int -x \, dx$$

$$g(x) = -\frac{1}{2}x^{2} + C$$

$$V = \frac{1}{2}y^{2} + g(x)$$

$$2^{2} \times 117$$
 } $\bar{2} = x - iy$ $2 = u + iv$
 $2 + \bar{2} = 2x + i.0$ $u_{x} > v_{y}$
 $2 - \bar{2} = i(2y) + 0$ $u_{x} = v_{y}$

$$\int (2z + 5) dz \quad dari(2,0) he(y,2)$$

$$\frac{x-0}{y-0} = \frac{y-0}{2-0}$$

$$\frac{f(z) = (2z+5)}{f(x+iy) = 2(x+iy) + 5}$$

$$\frac{x}{y} = \frac{y}{z},$$

$$\frac{f(x+iy) = 2x + 5 + i2y}{f(x+iy) = 2x + 5 + i(2x)}$$

$$\frac{f(x+iy) = 2x + 5 + i2y}{f(x+iy) = 2x + 5 + i(2x)}$$

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= P+6 +4i = 10 +4i