$\frac{1}{2} \int_{121}^{121} \frac{C}{I_{m(2)}} \int_{2}^{121} \frac{C}{I_{m(2)}} \int_{2}^{12$

$$\begin{array}{ll}
\left(\begin{array}{c} -\frac{1}{2} : \\ \text{Im}\left(\frac{-1}{F}\right) = \text{Im}\left(\frac{-1}{4+y_1}\right) = \text{Im}\left(\frac{-4+y_1}{x_1^2+y_1^2}\right) = \frac{\pi}{x_1^2+y_1^2} & \iff f(t) = \pi(t) + y(t) i \\
& \implies \text{length}_{p}(f) = \int_{\alpha}^{b_0} \frac{c}{\text{Im}(f)} \left| f' \right| dt = \int_{\alpha}^{b_0} \frac{c}{c} \left| f' \right| dt \\
& \text{length}_{p}\left(\frac{-1}{f}\right) = \int_{\alpha}^{b_0} \frac{c}{\text{Im}\left(\frac{-1}{f}\right)} \left| \left(\frac{-1}{f}\right)' \right| dt = \int_{\alpha}^{b_0} \frac{c}{c} \frac{c}{x_1^2+y_1^2} dt \\
& = \int_{\alpha}^{b_0} \frac{c}{\text{Im}(f)} \left| f' \right| dt \right| \\
& = \int_{\alpha}^{b_0} \frac{c}{\text{Im}(f)} \left| f' \right| dt \right)
\end{array}$$

length
$$(-\overline{F}) = \int_{a}^{b} \frac{c}{\operatorname{Im}(-\overline{F})} \left| -\overline{F}' \right| dt$$

$$= \left| -\pi' + y'i \right| = \left| \pi' + y'i \right| = \left| \pi'$$