

$$\frac{\backslash}{p-a}\cdot\frac{p+ia}{p-ia}=\frac{p+ia}{p^{\P}+a^{\P}}=\frac{p}{p^{\P}+a^{\P}}+i\frac{a}{p^{\P}+a^{\P}}$$

$$p=\circ\Longrightarrow-\backslash=-A\Longrightarrow\ A=\backslash$$

$$p=\backslash\Longrightarrow\P=\P B\Longrightarrow\ B=\P$$

$$\begin{aligned} p=-\backslash,p=\P\Longrightarrow C=-\P,\ D=-\P\\ \Longrightarrow F(p)=\frac{\backslash}{p}+\frac{\P}{p-\backslash}-\frac{\P p+\P}{s^{\P}+\backslash}\\ \Longrightarrow L^{-\backslash}[F(p)]=L^{-\backslash}[\frac{\backslash}{p}]+L^{-\backslash}[\frac{\P}{p-\backslash}]-L^{-\backslash}[\frac{\P p}{p^{\P}+\backslash}]-L^{-\backslash}[\frac{\P}{p^{\P}+\backslash}]\\ \hspace{10em}=\backslash+\P e^t-\P cost-\P sint \end{aligned}$$