$$\frac{j\operatorname{Im}(\underline{u})}{\hat{u}\cos(\omega t + \varphi_u)} \\
-\frac{\hat{u}'}{2} \int j\hat{u}\sin(\omega t + \varphi_u) \\
\frac{\hat{u}'}{2} \int \hat{u}\sin(\omega t + \varphi_u) \\
-\frac{\hat{u}'}{2} \int \hat{u}\sin(\omega t + \varphi_u) \\
\operatorname{Re}(\underline{u})$$