b)
$$LCM(2\bar{u}, |o\bar{u}|) = \frac{1}{2\bar{u}} e^{\frac{1}{2}(|o\bar{u}| + \frac{\bar{u}}{a}|)} = \frac{1}{2} (|o\bar{u}| + \frac{\bar{u}}{a}|) = \frac{1}{2} (|o\bar{u}| + \frac{\bar{u}}{a}|)$$

$$\frac{\varphi(t) = \alpha_{K} \stackrel{FS}{\longleftarrow} \varphi(t + \frac{T_{e}}{t}) = \alpha_{K} \cdot e^{j\omega_{o} \frac{T_{e}}{2}}}{T_{o} \times \frac{2\pi}{\omega_{o}} \Rightarrow \omega_{o} \cdot \frac{2\pi}{T_{e}}} \qquad \alpha_{ICC}$$

$$Real \rightarrow a_{k+}a_{-k}^{*}$$

$$Real \rightarrow a_{k+}$$

$$Real \rightarrow a_{$$

$$\int_{-3}^{3} |q_{-1}e^{-\frac{3\pi}{3}t} + q_{1}e^{\frac{3\pi}{3}t}|_{\partial t} = |a_{1}|\int_{-3}^{3} |e^{-\frac{3\pi}{3}t} + e^{\frac{3\pi}{3}t}|_{\partial t}$$

$$= > |2a_{1}|\int_{-3}^{3} |G_{5}(\frac{\pi}{3}t)|_{\partial t} = > \frac{24}{17}|a_{1}|_{-1217} \Rightarrow a_{1} = a_{-1} = \frac{\pi^{2}}{1}$$