Caronical Execute, क्षि समा गर हिलाक द Closed Quoten Syrleon. Eign store of Rentana May Rod 7. Local Legaria Hernel equilibrium of themeloning Local SME Herard equilibra Ring Sels Mikes states best magera pour stor IR gar. 67 = 2 8 6 6 6 m MBL 122: dosed system => decherence content $S(\alpha) = K(\frac{\alpha}{m} + 1)$ $L(s) = \frac{\pi}{l} \int_{\infty} K(\frac{\alpha}{m} + l) e_{\alpha \beta} d\alpha$ $= 2(2) + \frac{30}{40} \int_{-\infty}^{\infty} \frac{\pi}{7} e^{-\frac{\pi}{100}} d\pi$ White note $\mathcal{H}(z) = \int_{-\infty}^{\infty} \int_{-\infty}^{\infty}$ $\Rightarrow A(z) = 2\pi U(z)$, step foretran. => (T)= 8(7)+ kmc n(2) --- (x) $\mathcal{S}(\omega) = k\left(\frac{\omega}{\omega} + \epsilon\right) \neq k\left[\left(\frac{\omega}{\omega}\right)_{r} + \epsilon\right] + k\left[\left(\frac{\omega}{\omega}\right)_{r} + \epsilon\right]$

 $= \int (\tau) = \frac{1}{2\pi} \int_{-\infty}^{\infty} k \left[\frac{(w)^{2} + 1}{(w)^{2} + 1} \right] e^{\pi i x} d\omega = \int (\tau) + \frac{k \omega_{c}}{2\pi} \int_{-\infty}^{\infty} \frac{1}{(w)} e^{\pi i x} d\omega$ $= \int (\tau) = \frac{1}{2\pi} \int_{-\infty}^{\infty} k \left[\frac{(w)}{(w)} + 1 \right] e^{\pi i x} d\omega = \int (\tau) + \frac{k \omega_{c}}{2\pi} \int_{-\infty}^{\infty} \frac{1}{(w)} e^{\pi i x} d\omega$

$$\int_{-\infty}^{\infty} \frac{1}{|\omega|} e^{i\omega t} d\omega = \int_{0}^{\infty} \frac{1}{|\omega|} e^{i\omega t} d\omega + \int_{-\infty}^{0} -\frac{1}{|\omega|} e^{i\omega t} d\omega$$

let $f(z)$

$$\int_{-\infty}^{\infty} \frac{1}{|\omega|} e^{i\omega t} d\omega + \int_{-\infty}^{0} -e^{i\omega t} d\omega = \frac{1}{|T|} ([e^{i\omega t}]_{0}^{\infty}) - \frac{1}{|T|} ([e^{i\omega t}]_{-\infty}^{0})$$

$$= \frac{1}{|T|} [e^{i\omega t}]_{0}^{\infty} + \frac{1}{|T|} [e^{i\omega t}]_{0}^{\infty} = \frac{1}{|T|} ([im] (ca(\omega z) + jac(\omega z))$$