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$$\begin{cases} \sqrt{(n)} : \ X(n) - X(n-2) \\ \sqrt{(2)} : \ X(2) - X(2) . \ z^{-2} \end{cases}$$

$$T(2) : \frac{y(2)}{x(2)} : 1 - z^{-2} : \frac{z^2 - 1}{z^2}$$

$$T(j\Omega) : \frac{e^{j\Omega} - e^{j\Omega}}{e^{2j\Omega}} = \frac{e^{j\Omega} \left(e^{j\Omega} - e^{j\Omega}\right)}{e^{2j\Omega}}$$

$$: e^{-j\Omega} \left(2j\operatorname{sen}(\Omega)\right) : j e^{-j\Omega} \left(2\operatorname{sen}(\Omega)\right) \longrightarrow 2\operatorname{sen}(\Omega) : 0$$

$$\Omega : K\Pi$$

$$j \cdot \left[\cos(-\Omega) + j \cdot \sin(-\Omega)\right]$$

$$j \cdot \left[\cos(\Omega) - j \cdot \sin(\Omega)\right]$$

$$\frac{\sin(\Omega)}{a} + j \cdot \frac{\cos(\Omega)}{b}$$

tg 
$$\alpha = \frac{b}{a} = \frac{\cos(a)}{\sin(a)} = \cot(a)$$

$$j e^{-j\alpha} : e^{j(\frac{\pi y_2 - \alpha}{2})} : e^{-j(\alpha - \frac{\pi y_2}{2})}$$

$$\cos(a - \frac{\pi}{2}) - j \sin(a - \frac{\pi}{2})$$
 $\cos(a)\cos(\frac{\pi}{2}) + \sin(a)\sin(\frac{\pi}{2}) - j (\sin(a)\cos(\frac{\pi}{2}) - \sin(\frac{\pi}{2})\cos(\frac{\pi}{2})$ 
 $\sin(a) - j (-\cos(a))$ 

sen (a) + j cos( a)

A : KT , KEN



