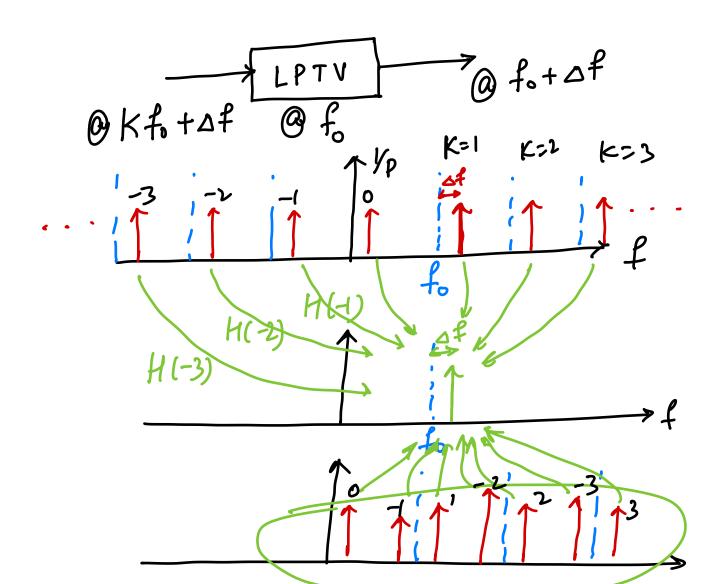


ISF&PPV Simulation using PSS/PXF

PXF (Cadence) - LPTV systems



in Cadence I ndexing

$$\frac{1SF}{i_{t}(t)} = \frac{1SF}{LPTV} \frac{PM}{p(t)} \frac{NL}{NL} \frac{V_{t}(t)}{V_{t}(t)}$$

$$\frac{i_{t}(t)}{i_{t}(t)} = \frac{Cos}{L} \frac{(\omega_{0}+\Delta\omega)t}{(\omega_{0}+\Delta\omega)t} + \frac{V_{t}(k-1)\omega_{0}t}{V_{t}(k-1)\omega_{0}t}$$

$$\frac{V_{t}(t)}{LPTV} \frac{PM}{p(t)} \frac{NL}{NL} \frac{V_{t}(t)}{V_{t}(t)}$$

$$\frac{PXF}{V_{t}(k-1)\omega_{0}t} \frac{P}{V_{t}(k-1)\omega_{0}t}$$

$$\frac{V_{t}(t)}{LPTV} \frac{P}{p(t)} \frac{NL}{NL} \frac{V_{t}(t)}{V_{t}(t)}$$

$$\frac{V_{t}(t)}{LPTV} \frac{P}{p(t)} \frac{NL}{NL} \frac{V_{t}(t)}{V_{t}(t)}$$

$$\frac{PXF}{V_{t}(k-1)\omega_{0}t} \frac{P}{W_{t}(k-1)\omega_{0}t}$$

$$\frac{V_{t}(t)}{LPTV} \frac{P}{p(t)} \frac{P}{NL} \frac{P}{V_{t}(k-1)\omega_{0}t}$$

$$\frac{V_{t}(t)}{LPTV} \frac{P}{p(t)} \frac{P}{NL} \frac{P}{V_{t}(k-1)\omega_{0}t}$$

$$\frac{V_{t}(t)}{LPTV} \frac{P}{p(t)} \frac{P}{NL} \frac{P}{V_{t}(k-1)\omega_{0}t}$$

$$\frac{P}{V_{t}(t)} \frac{P}{V_{t}(t)} \frac{P}{V_{t}(t)} \frac{P}{V_{t}(t)} \frac{P}{V_{t}(t)}$$

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$$\emptyset[t] = \frac{1}{g_{\text{max}}} \int_{-\varphi}^{\pi} \Gamma(\tau) i_{t}(\tau) d\tau$$

$$\emptyset[t] \approx \frac{1}{2g_{\text{max}}\Delta\omega} \text{Sin} \left(\Delta\omega t + \delta_{k} - \theta_{k}\right)$$

$$\frac{1}{2g_{\text{max}}\Delta\omega} \nabla_{t}(t) = V_{\text{HI}} \cos(\omega_{0}t + \theta + \theta)$$

$$\psi_{\text{HI}} = \frac{1}{2g_{\text{max}}\Delta\omega} \int_{-\varphi_{k}}^{\varphi_{\text{max}}\Delta\omega} \int_{-\varphi_{\text{max}}}^{\varphi_{\text{max}}\Delta\omega} \int_{-\varphi_{\text{max}}}^{\varphi_{\text{max}}\omega} \int_{-\varphi_{\text{max}}}^{\varphi_{\text{ma$$

$$C_{K} = \frac{49 \max \Delta W \left[H(K-1)\right]}{V_{HI}}$$

$$O_{K} = \frac{60 - 20 \times H(K-1)}{V_{HI}}$$

$$\Gamma(t) = \frac{1}{2} \frac{4 \frac{q_{\text{max}}}{V_{\text{HI}}} \cos(\theta - 4H(-1))}{V_{\text{HI}}} + \sum_{k=1}^{N} \frac{4 \frac{q_{\text{max}}}{V_{\text{MAX}}} \Delta \omega |H(k-1)|}{V_{\text{HI}}} \times \cos(k\omega_{0}t + \theta - 4H(k-1))}$$