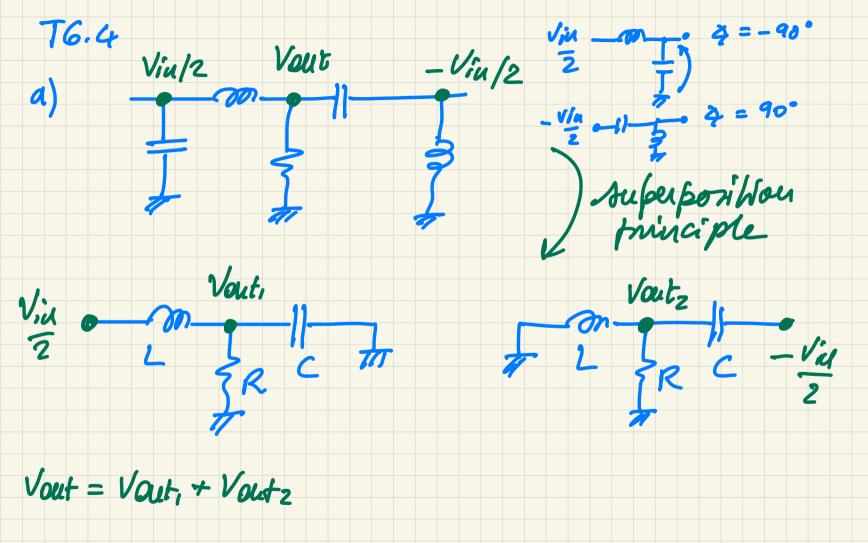
RF Grait Design

Q&A 16,04,2021



Viù
$$\frac{\sqrt{2}}{2}$$
 $\frac{\sqrt{2}}{2}$ $\frac{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{2$

$$|V_{out}| = 1 \iff \begin{cases} Q_o = 1 = \frac{R}{\omega_o L} \\ \omega_o = \frac{1}{V_{LC}} = 2\pi \cdot 5 \cdot 10^{9} \end{cases}$$

$$|V_{out}| = \frac{R}{V_{out}} = \frac{1}{J_{out}} = \frac{1}{J_{out}}$$