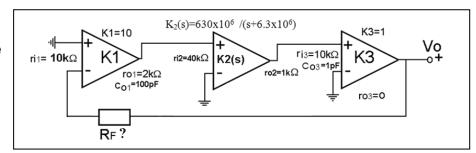
For the circuit, find the possible Sinusoidal oscillation frequency. Then, find the necassary Rf value which provides the oscillation.



$$A = -K_{I}. \frac{2_{I}}{c_{o+}+c_{I}} K_{2}(J) \frac{2_{13}}{c_{o+}+c_{I}} K_{2}$$

$$2_{I} = \frac{c_{12}}{sc_{o}c_{12}+J} \Rightarrow \frac{2_{I}}{c_{o+}+c_{I}} = \frac{1}{l_{10}s} \frac{s_{12}s_{10}c_{10}}{s_{11}s_{12}+J} \frac{2_{13}}{c_{11}c_{12}+J} = \frac{1}{l_{10}s} \frac{s_{12}s_{10}c_{10}}{s_{11}s_{10}s_{10}}$$

$$A = -1866 \cdot \frac{s_{11}s_{10}c_{10}}{s_{11}s_{10}s_{10}} \frac{c_{12}s_{10}c_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}}$$

$$A = -1866 \cdot \frac{s_{11}s_{10}c_{10}}{s_{11}s_{10}s_{10}} \frac{c_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}}$$

$$A = -1866 \cdot \frac{s_{11}s_{10}c_{10}}{s_{11}s_{10}s_{10}} \frac{c_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}}$$

$$A = -1866 \cdot \frac{s_{11}s_{10}c_{10}}{s_{11}s_{10}s_{10}} \frac{c_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}}$$

$$A = -1866 \cdot \frac{s_{11}s_{10}c_{10}}{s_{11}s_{10}s_{10}} \frac{c_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}}$$

$$A = -1866 \cdot \frac{s_{11}s_{10}c_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{10}} \frac{l_{11}s_{10}s_{10}}{s_{11}s_{10}s_{$$