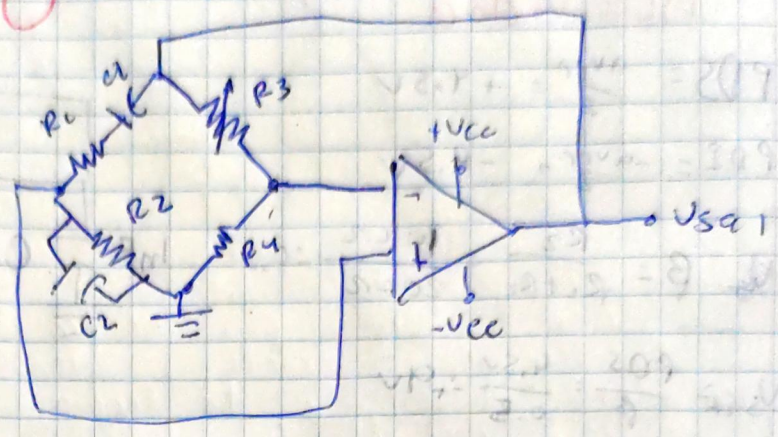
Emmanuel B.

Actividad 10



A = 2 (senoidal)

$V_{sal} = 9V_{pp}$

$+V_{sat} = \frac{V_{sal}}{2} = +4.5V$

$-V_{sat} = \frac{-V_{sal}}{2} = \frac{-9V_{pp}}{2} = -4.5V$

$+V_{cc} = \frac{+V_{sat}}{.9} = \frac{+4.5V}{.9} = +5V$

$-V_{cc} = \frac{-V_{sat}}{.9} = \frac{-4.5V}{.9} = -5V$

$T = 100\mu s \Rightarrow F = \frac{1}{T} = \frac{1}{100\mu s} = 10\,MHz$

$F = \frac{1}{2\pi RC} \Rightarrow R = \frac{1}{2\pi FC} = \frac{1}{2\pi \cdot 10MHz \cdot 10pF} = 1.591k\Omega$