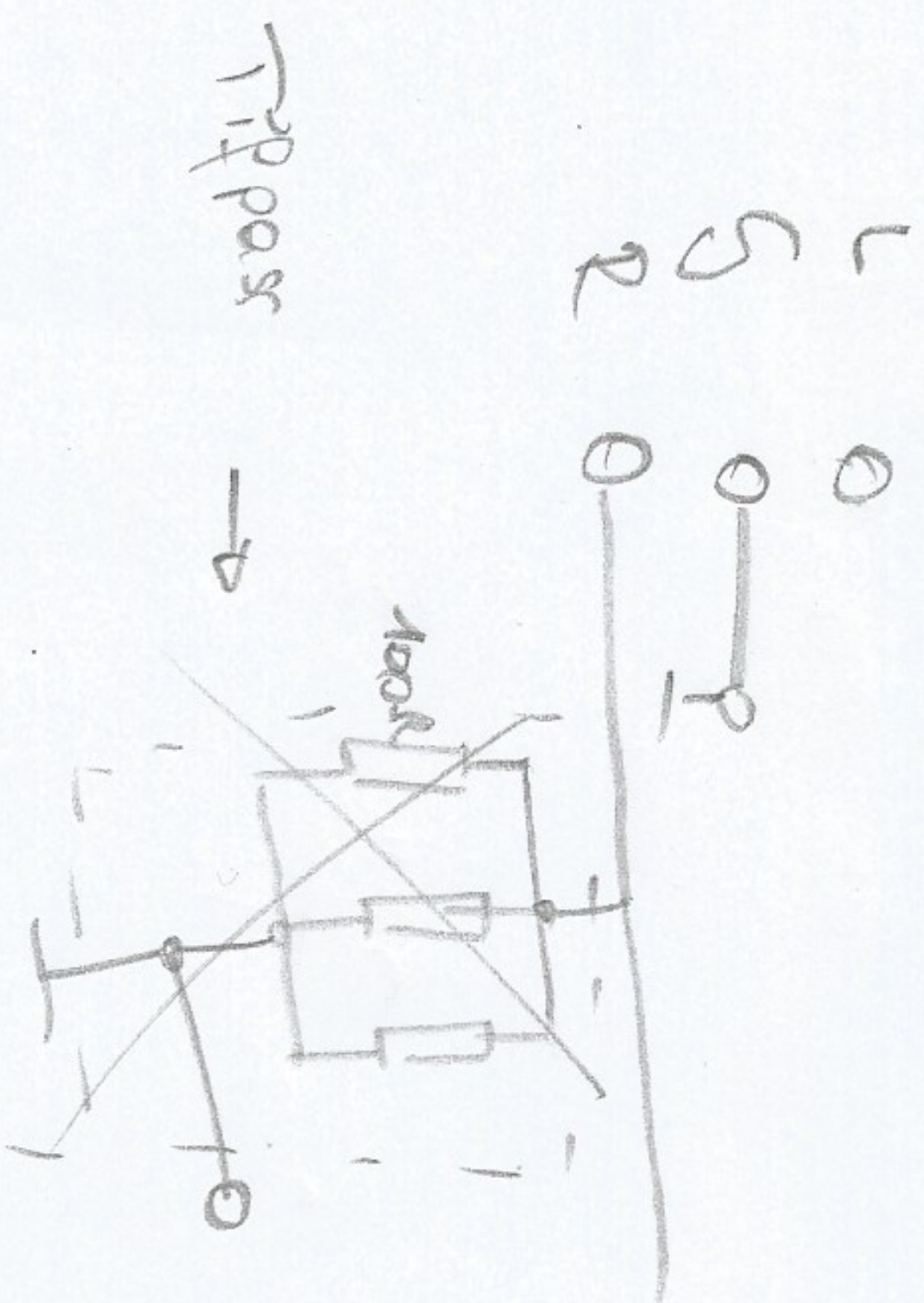


20/11/2 - 20/11/2



→ Transistor switching

cycles = $e^{2\pi i f t}$ // carrier frequency
rotating vector

for Fourier

cycles = $-e^{-2\pi i f t} \cdot g(t)$

→ $\sum_{n=0}^{N-1} g(t_n) e^{-2\pi i f t}$ N number of samples

$\frac{1}{T} \int_{-T/2}^{+T/2} g(t) e^{-2\pi i f t} dt$ → center of mass

time interval
without
= T

$\frac{1}{T} = \int_{-T/2}^{+T/2} g(t) e^{-2\pi i f t} dt$

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