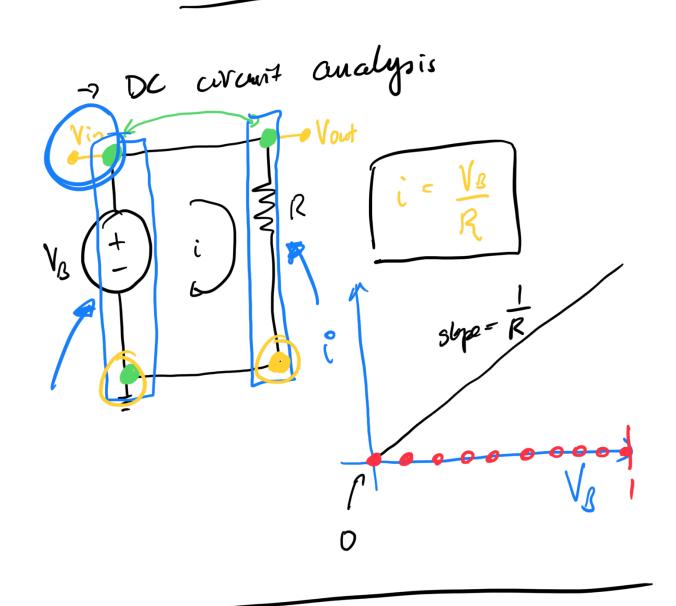
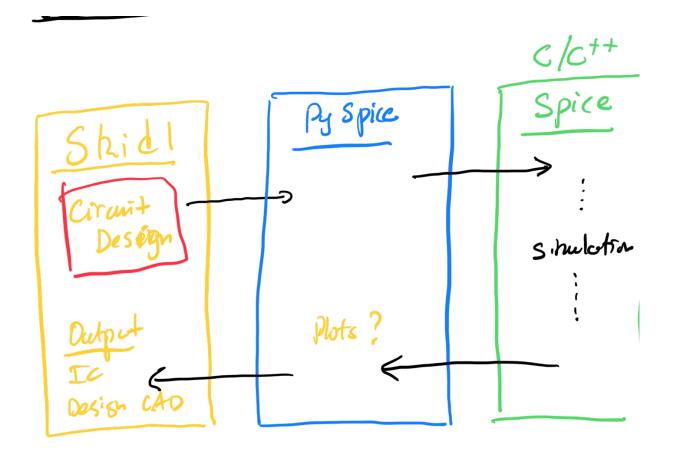
Physics 421-Lecture 29



Skidl



$$R_{1} = \lfloor b R \rfloor$$

$$N_{1} = \lfloor b R \rfloor$$

$$2bR R_{2} = \lfloor k R \rfloor$$

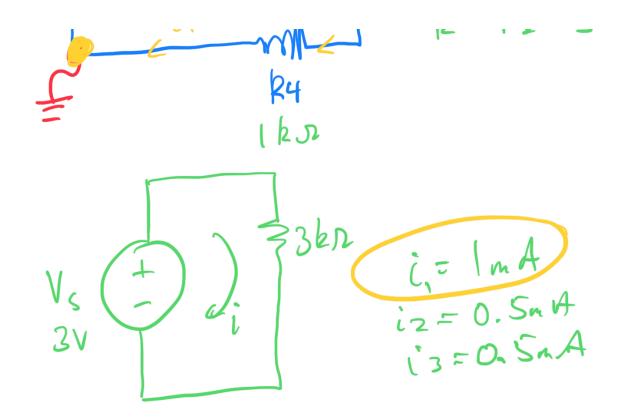
$$R_{3} = \lfloor k R \rfloor$$

$$R_{4} = \lfloor k R \rfloor$$

$$R_{4} = \lfloor k R \rfloor$$

$$R_{4} = \lfloor k R \rfloor$$

$$R_{5} = \lfloor k R \rfloor$$



AC coverit dudy is.

R = 1 kr

Vout Complex
Impedance.

R = 1 kr

C jwc

f = 1 (i)

$$He = \frac{1}{\sqrt{1 + \omega^2 R^2 C^2}}$$

$$V_{in} = \frac{1}{\sqrt{1 + \omega^2 R^2 C^2}}$$

$$V_{ort} = A \sin(\omega t + \phi)$$

$$f = 100 H_{2}$$
 $W = 2\pi f = 200 T$
 $V_{0} = 4 V$
 $t = [0, 40 ms, 0.01 ms]$

السمالية المساورة

$$= (1000)(10^{-6})$$
$$= 10^{-3} = 1 \text{ ms}$$