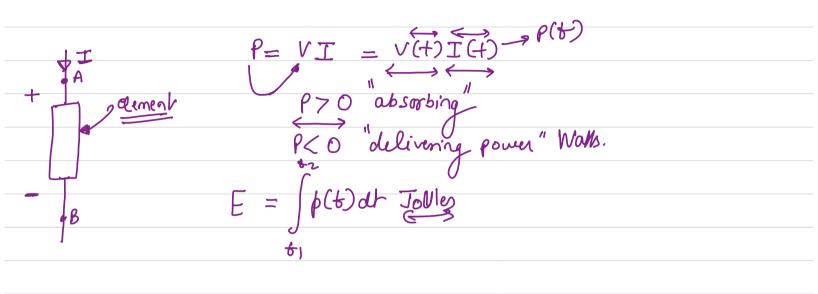
Lecture 4



$$P = \bigvee_{k=1}^{N} V_{k} I_{k}$$

$$P = \bigvee_{k=1}^{N} V_{k} I_{k}$$

$$P = V_{1} I_{1} + V_{2} I_{2} + \cdots + V_{N} I_{N}$$

$$I_{1} + I_{2} + \cdots + I_{N-1}$$

$$P = V_{1} I_{1} + V_{2} I_{2} + \cdots + V_{N} (-I_{1} - I_{2} \cdots I_{N-1})$$

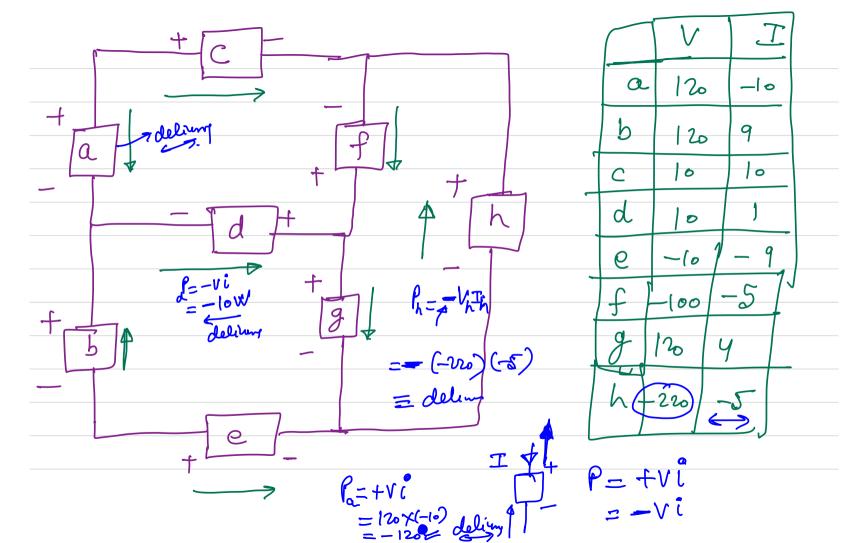
$$P = \bigvee_{1} I_{1} + \bigvee_{2} I_{2} + \cdots + \bigvee_{N} (-I_{1} - I_{2} \cdots I_{N-1})$$

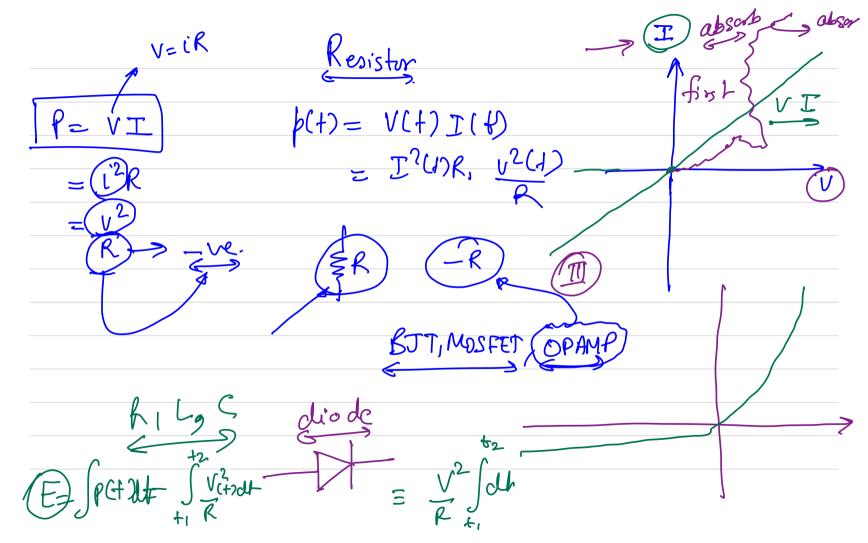
$$P = \bigvee_{1} I_{1} + \bigvee_{2} I_{2} + \cdots + \bigvee_{N} (-I_{1} - I_{2} \cdots I_{N-1})$$

$$P = \bigvee_{1} I_{1} + \bigvee_{2} I_{2} + \cdots + \bigvee_{N} (-I_{1} - I_{2} \cdots I_{N-1})$$

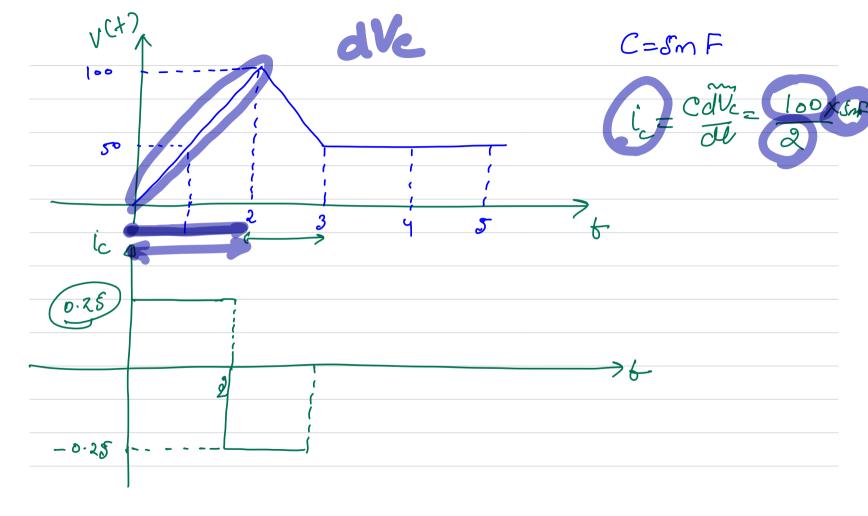
$$P = \bigvee_{1} I_{1} + \bigvee_{2} I_{2} + \cdots + \bigvee_{N} (-I_{1} - I_{2} \cdots I_{N-1})$$

$$P = \bigvee_{1} I_{1} + \bigvee_{2} I_{2} + \cdots + \bigvee_{N} (-I_{1} - I_{2} \cdots I_{N-1})$$





apacitus I(+)= C dV(+) Pac(4) = V(+) I(+) P=VI Pac(t) = C v(t) du(t) N(7) Open 170, 20 0 ty deliums US:



$$E_{cap} = \int p(t)dt = \int v_{c}(t) I_{c}(t)dt$$

$$= \int v_{c}(t) I_{c}(t)dt = \int v_{c}(t) I_{c}(t)dt$$

$$= \int v_{c}(t) I_{c}(t)dt = \int v_{c}(t)I_{c}(t)dt$$

$$= \int v_{c}(t)I_{c}(t)dt = \int v_{c}(t)I_{c}(t)dt$$

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$$= \int v_{c}(t)I_{c}(t)I_{c}(t)I_{c}(t)I_{c}(t)I_{c}(t)$$

$$= \int v_{c}(t)I_{c}(t)$$

I(+) L I(+) dI(+), dL als pair I(+) 70, dI(+)>0 70

Ency Pour for voltage same 3 abs power VZO, ICO deliver pover Vh SXS = 26mW - Smks=2smW

+
$$\frac{12}{3}$$
 $\frac{1}{3}$ \frac

