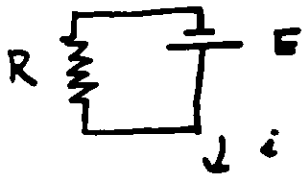
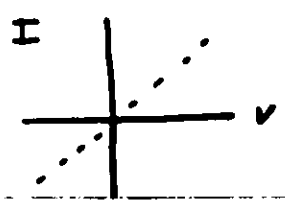


Potential (difference) Voltage (V, E)

- ① Battery (EMF)
- ② Current flow through impedance { resistor, capacitor



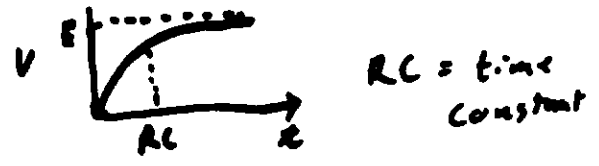
$E = IR$
(Ohm's law)



Capacitance



charge $V = E(1 - e^{-t/RC})$



discharge $V = E e^{-t/RC}$



Filters

