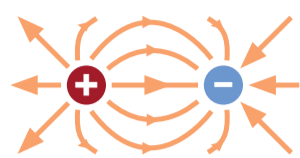


9

Electricity and electronics

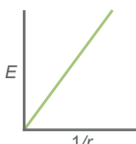


$$F = \frac{Q_1 Q_2}{4\pi\epsilon_0 r^2}$$

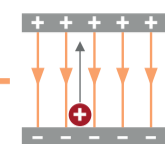
17.3 Electric forces between point charges KC



$$E = \frac{Q}{4\pi\epsilon_0 r^2}$$

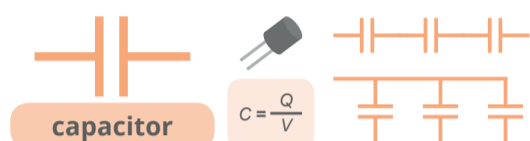


17.4 Electric field of a point charge KC

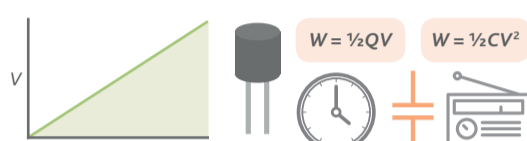


$$V = \frac{Q}{4\pi\epsilon_0 r^2}$$

17.5 Electric potential KC



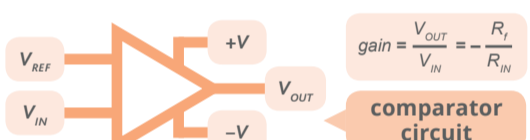
18.1 Capacitors and capacitance KC



18.2 Energy stored in a capacitor KC



21.1 The ideal operational amplifier KC



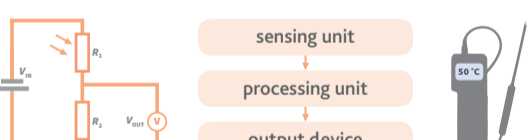
21.2 Operational amplifier circuits KC



21.3 Output devices KC



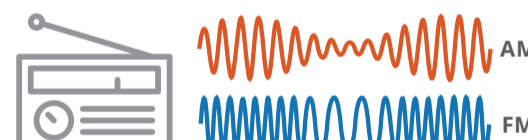
19.4 Sensing devices KC



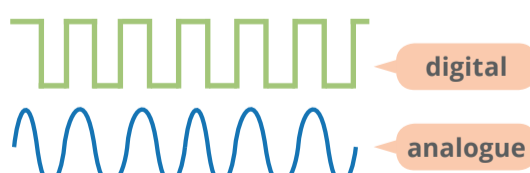
20.3 Potential dividers KC



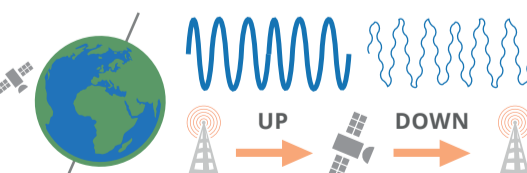
16.1 Communication channels KC



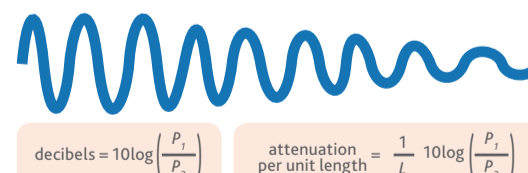
16.2 Modulation KC



16.3 Digital communication KC



16.4 Relative merits of channels of communication KC



16.5 Attenuation KC