

## Kohlrausch's Law

If an electrolyte on dissociation gives  $\nu_+$  cations and  $\nu_-$  anions then its limiting molar conductivity is given by

$$\Lambda_m^\infty = \nu_+ \lambda_+^\circ + \nu_- \lambda_-^\circ$$

$\lambda_+^\circ \rightarrow$  limiting molar conductivity of cation

$\lambda_-^\circ \rightarrow$  limiting molar conductivity of anion.