



$$C = \frac{Q}{\Delta V} \text{ [C/V]}$$

$$\left[\frac{C}{V} \right] = \left[\frac{A \cdot s}{V} \right]$$

$$C_1 = \frac{Q_1}{\Delta V}$$

$$C_2 = \frac{Q_2}{\Delta V}$$

$$C_3 = \frac{Q_3}{\Delta V}$$

$$C_x = \frac{Q}{\Delta V} = \frac{Q_1 + Q_2 + Q_3}{\Delta V} = \frac{Q_1}{\Delta V} + \frac{Q_2}{\Delta V} + \frac{Q_3}{\Delta V}$$

$$C_x = C_1 + C_2 + C_3$$

$$C_n = \sum_{i=1}^n C_i$$