Kapacita

$$\varphi(\vec{r}) = \frac{1}{4\pi\varepsilon_0} \frac{\sum_{i=1}^{N} Q_i}{|\vec{r} - \vec{r}_i|} + C = \frac{1}{4\pi\varepsilon_0} \frac{\sum_{i=1}^{N} Q_i}{R_i} + C$$

$$\varphi = \frac{Q l \cos\alpha}{4\pi\varepsilon_0 r^2} = \frac{\vec{p}\cdot\vec{r}^{\,0}}{4\pi\varepsilon_0 r^2}$$

$$Q = C\varphi$$

$$C = \frac{Q}{\varphi} \qquad C = \frac{Q}{U}$$

[F - Farad]