

Decillating Change in a Ping

$$\mathcal{D}_{\mathcal{U}} = \frac{\mathcal{L}_{q}(\mathcal{A}\mathcal{B})}{2} = \frac{\mathcal{L}_{q}^{2}}{2} \quad \mathcal{D}_{q} = \frac{\mathcal{L}_{q}^{2}}{2} \quad \mathcal{D}_{q} = \frac{\mathcal{L}_{q}^{2}}{2}$$

$$= \frac{2}{\sqrt{2}} \left(\frac{1}{2} - \frac{1}{2} \left(\frac{1}{2^2} - \frac{2r}{2} \cos \theta \right) \right) \frac{3}{8} \left(-\frac{2r}{2} \cos \theta \right)^2 + \frac{2}{\sqrt{2}} \frac{9}{\sqrt{2}}$$

$$/ \omega = \frac{9}{\sqrt{2}}$$

$$\frac{-0}{cr}\left(\frac{q^{\lambda}}{2\epsilon}, \frac{q^{\lambda}r^{2}}{8\epsilon_{s}\epsilon^{2}}\right)^{2} = \frac{q^{\lambda}}{4\epsilon_{s}\epsilon^{2}} r^{2} m^{2}$$

$$\frac{-0}{cr}\left(\frac{q^{\lambda}}{2\epsilon_{s}}, \frac{q^{\lambda}r^{2}}{8\epsilon_{s}\epsilon^{2}}\right)^{2} \frac{q^{\lambda}}{4\epsilon_{s}\epsilon^{2}}$$