

$$= \frac{2\pi}{-iq} \left(\frac{1}{2as} + iq \right)^2 - \frac{1}{2as} - iq \right)^2$$

$$= \frac{16\pi}{as} \left(\frac{1}{4as^2} + q \right)^2 + I$$

$$\Rightarrow \hat{S} = e \left(1 - I \right) = 7 \cdot Mg = \frac{e}{q^2} \hat{S} = -e^2 8u^2 + q^2 a^2$$

$$\Rightarrow \hat{I}(\theta) = -\frac{m}{2\pi} \hat{V}(q) \quad a_B = \frac{1}{2\pi} \frac{1}{me} \frac{1}{me}$$

$$= \frac{2a}{2\pi} \left(\frac{8 + q^2 a^2}{2a} \right)^2 \quad a_B = \frac{1}{4me} \frac{1}{me}$$

$$\Rightarrow \frac{me^2}{2\pi} = \frac{2}{as} = \frac{2a}{2\pi} \left(\frac{8 + q^2 a^2}{2a} \right)^2 \quad a_B = \frac{1}{4me} \frac{1}{me}$$

$$\Rightarrow \frac{1}{2\pi} \frac{1}{as} = \frac{1}{2\pi} \frac{1}{as} \frac{1}{as$$



