

Essential

# MODERN PHYSICS

Study Guide Workbook

$$\gamma = \frac{1}{\sqrt{1 - \left(\frac{v}{c}\right)^2}}$$

$$E^2 = p^2c^2 + m_0^2c^4$$

$$\epsilon_n = nhf \quad p = \frac{h}{\lambda}$$

$$\Delta x \Delta p_x \geq \frac{\hbar}{2}$$

$$-\frac{\hbar^2}{2m} \frac{d^2\psi(x)}{dx^2} + V(x)\psi(x) = E\psi(x)$$

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# Modern Physics Study Guide

**Ying Liu**



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