

$$\mathcal{L} = -\frac{1}{4} F_{\mu\nu} F^{\mu\nu}$$

$$+ i \bar{\psi} \mathcal{D} \psi + h.c.$$

$$+ \bar{\psi}_i y_{ij} \psi_j \phi + h.c.$$

$$+ |D_{\mu} \phi|^2 - V(\phi)$$

Line

Parabola

Circle

From the

Brachistochrone Curve to Calculus of Variations

How Understanding of Physics Evolve with Mathematics

Cycloid

Eason Shao Monday 24th June 12:40 @ Lab P2

Physics Problem Solving Society

Sixth degree

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