

$$\partial_\mu \quad \text{---} \text{---} \text{---} \bigcirc \text{---} \text{---} \text{---} \quad = \quad \tilde{\mathcal{X}}_\mu \cdot \begin{array}{c} \text{---} \text{---} \text{---} \\ \bullet \\ \text{---} \text{---} \text{---} \end{array}$$

Diagrammatic equation showing the equivalence between a derivative ∂_μ and a vertex $\tilde{\mathcal{X}}_\mu$.

The left side features a wavy line entering a shaded circle from the left, and another wavy line exiting the circle to the right. The symbol ∂_μ is positioned to the left of the first wavy line.

The right side features a vertex represented by a solid black circle. A wavy line enters the vertex from the top. Two parallel lines enter the vertex from the bottom-left, and a dashed line exits the vertex to the bottom-right. The symbol $\tilde{\mathcal{X}}_\mu$ is positioned to the left of the vertex.