

Leptony

Antileptony

$$(e^-) \quad \frac{t^1 \quad x^2.t^1}{1 \quad x^2.t^1} = \frac{x^2.t^2}{x^2.t^1}$$

$$(e^+) \quad \frac{1 \quad x^2.t^1}{t^1 \quad x^2.t^1} = \frac{x^2.t^1}{x^2.t^2}$$

$$(\tau^-) \quad \frac{t^1 \quad x^2.t^0}{1 \quad x^2.t^0} = \frac{x^2.t^1}{x^2.t^0}$$

$$(\tau^+) \quad \frac{1 \quad x^2.t^0}{t^1 \quad x^2.t^0} = \frac{x^2.t^0}{x^2.t^1}$$

$$(\mu^-) \quad \frac{t^1 \quad x^1.t^1}{1 \quad x^1.t^1} = \frac{x^1.t^2}{x^1.t^1}$$

$$(\mu^+) \quad \frac{1 \quad x^1.t^1}{t^1 \quad x^1.t^1} = \frac{x^1.t^1}{x^1.t^2}$$

$$(\nu_\mu) \quad \frac{t^1 \quad x^1.t^0}{1 \quad x^1.t^0} = \frac{x^1.t^1}{x^1.t^0}$$

$$(\nu_\mu^-) \quad \frac{1 \quad x^1.t^0}{t^1 \quad x^1.t^0} = \frac{x^1.t^0}{x^1.t^1}$$

$$(\nu_\tau) \quad \frac{t^1 \quad x^0.t^1}{1 \quad x^0.t^1} = \frac{x^0.t^2}{x^0.t^1}$$

$$(\nu_\tau^-) \quad \frac{1 \quad x^0.t^1}{t^1 \quad x^0.t^1} = \frac{x^0.t^1}{x^0.t^2}$$

$$(\nu_e) \quad \frac{t^1 \quad x^0.t^0}{1 \quad x^0.t^0} = \frac{x^0.t^1}{x^0.t^0}$$

$$(\nu_e^-) \quad \frac{1 \quad x^0.t^0}{t^1 \quad x^0.t^0} = \frac{x^0.t^0}{x^0.t^1}$$