

$$\boxed{\begin{array}{c} \text{Motion} \\ \mu \end{array}} = \boxed{\begin{array}{c} \text{Motion} \\ i \end{array}}^\mu$$

$$\begin{aligned} \boxed{\begin{array}{c} i \\ - \\ \mu \end{array}} &\in \mathbb{R}^d \quad \text{vanish at } \infty \Rightarrow \int_{-\infty}^0 \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x \gamma = - \int_{-\infty}^0 x \boxed{\begin{array}{c} \mu \\ - \end{array}}^x \gamma \\ \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x \mathcal{L} &= \boxed{\begin{array}{c} x \\ i \\ - \end{array}}^x \left[x : \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x \right] + \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x \left[x : \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x \right]^\mu = \boxed{\begin{array}{c} x \\ i \\ - \end{array}}^x \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x + \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x \Rightarrow \\ \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x \mathcal{L} &= \int_{-\infty}^0 \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x \mathcal{L} = \int_{-\infty}^0 \boxed{\begin{array}{c} x \\ i \\ - \end{array}}^x \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x + \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x = \int_{-\infty}^0 \boxed{\begin{array}{c} x \\ i \\ - \end{array}}^x \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x - \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x = \int_{-\infty}^0 \boxed{\begin{array}{c} x \\ i \\ - \end{array}}^x \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x - \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x \boxed{\begin{array}{c} x \\ \mu \\ - \end{array}}^x = 0 \end{aligned}$$

$$\boxed{\begin{array}{c} \nu \delta^\mu \\ \mu \end{array}} \boxed{\begin{array}{c} \text{Motion} \\ i \end{array}}^\mu = \boxed{\begin{array}{c} \nu \\ \mu \end{array}} \boxed{\begin{array}{c} \text{Motion} \\ i \end{array}}^\mu$$

$$\begin{aligned} \boxed{\begin{array}{c} \text{Motion} \\ i \end{array}} &= \boxed{\begin{array}{c} \nu \\ \mu \end{array}} \boxed{\begin{array}{c} \text{Motion} \\ i \end{array}} + \boxed{\begin{array}{c} \nu \\ \mu \end{array}} \boxed{\begin{array}{c} \text{Motion} \\ i \end{array}}^\mu + \boxed{\begin{array}{c} \nu \\ \mu \end{array}} \boxed{\begin{array}{c} \text{Motion} \\ i \end{array}}^\mu \\ \Rightarrow \text{LHS} &= \boxed{\begin{array}{c} \nu \\ \mu \end{array}} \boxed{\begin{array}{c} \text{Motion} \\ i \end{array}} - \boxed{\begin{array}{c} \nu \\ \mu \end{array}} \boxed{\begin{array}{c} \text{Motion} \\ i \end{array}}^\mu + \boxed{\begin{array}{c} \nu \\ \mu \end{array}} \boxed{\begin{array}{c} \text{Motion} \\ i \end{array}}^\mu \\ &= \boxed{\begin{array}{c} \nu \\ \mu \end{array}} \boxed{\begin{array}{c} \text{Motion} \\ i \end{array}} + \boxed{\begin{array}{c} \nu \\ \mu \end{array}} \boxed{\begin{array}{c} \text{Motion} \\ i \end{array}}^\mu - \boxed{\begin{array}{c} \nu \\ \mu \end{array}} \boxed{\begin{array}{c} \text{Motion} \\ i \end{array}}^\mu - \boxed{\begin{array}{c} \nu \\ \mu \end{array}} \boxed{\begin{array}{c} \text{Motion} \\ i \end{array}}^\mu = \boxed{\begin{array}{c} \nu \\ \mu \end{array}} \boxed{\begin{array}{c} \text{Motion} \\ i \end{array}}^\mu \end{aligned}$$