Louis

$$\begin{cases} \not{1} & \mathcal{H}_{1:10}^{\mathbb{R}} \\ \not{3} & \mathbb{R} \end{cases}$$

$$\begin{cases} \not{0} & \mathcal{H}_{1:9}^{\mathbb{R}} \\ \not{0} & \mathbb{R}_{>} \\ \not{1} & \mathbb{R} \end{cases} \boxplus \begin{cases} \not{3} & \mathbb{R} \\ \not{Y} & \mathbb{R} \end{cases}$$

$$\not{1}_{mn} = \begin{array}{c|c} \underline{x}^{\mu} & \underline{y} \end{array} \begin{array}{c|c} \not{0}^{-2/3} \not{0}_{\mu\nu} & \not{1}_{\mu} \\ \hline \not{1}_{\nu} & \not{0}^{2/3} \end{array} \begin{bmatrix} \underline{x}^{\mu} \\ \underline{y} \end{bmatrix}$$

$$^{x:y}\not{3} = {}^{x}\not{3} + {}^{x}\not{2} \wedge {}^{y}\not{Y}$$

$$^{x}\begin{cases} \not{0}\not{0}\not{1} \\ \not{3}\not{2}\not{Y} \end{cases} = {}^{2/3}\not{0}\boxed{\not{0}} - {}^{2}\not{0}\,\underline{\overset{2}{\not{1}}} - {}^{2/3}\not{0}\,\underline{\overset{2}{\not{3}}} - {}^{-2/3}\not{0}\,\underline{\overset{2}{\not{2}}} + \not{2}\,\underline{\overset{2}{\not{3}}}$$