

$$\begin{array}{c}
 \left\{ \begin{array}{l} \mathbb{N} \\ \mathbb{Z} \\ \mathbb{Q} \end{array} \right. \left| \right. \\
 \hline
 \mathcal{X} \in \frac{E_8}{0} \left| \frac{0}{E_8} \right.
 \end{array}
 \stackrel{\text{HE8}}{=}
 \begin{array}{c}
 \left\{ \begin{array}{l} {}^{\mu\nu}\mathbb{N} \\ {}^{\mu\nu}\mathbb{Z} \\ \mathbb{Q} \end{array} \right. \left| \right. \\
 \hline
 {}^{\mu}\mathcal{X} \in \frac{E_8}{0} \left| \frac{0}{E_8} \right.
 \end{array}$$