

$$\begin{array}{ccccc}
\mathbb{K}^{2^n} & \xrightarrow{\quad \mathfrak{X} \quad} & \mathfrak{G}|\mathbb{K}^{2^n} & \xleftarrow{\quad \models \quad} & 2^n\mathbb{K} \\
\downarrow \cdot \downarrow & & \downarrow Ad \cdot \downarrow & & \downarrow \downarrow \cdot \\
\mathbb{K}_{\mathbb{N}} \nabla \downarrow & \xrightarrow{\quad \mathfrak{X} \quad} & \mathfrak{G}|\mathbb{K}_{\mathbb{N}} \nabla \downarrow & \xleftarrow{\quad \models \quad} & \downarrow \nabla \mathbb{K}_{\mathbb{N}}
\end{array}$$

$$\begin{array}{ccccc}
\mathbb{K}^{2^n} & \xrightarrow{\quad \mathfrak{X} \quad} & \mathfrak{U}|\mathbb{K}^{2^n} & \xleftarrow{\quad \models \quad} & 2^n\mathbb{K} \\
\downarrow \cdot \downarrow & & \downarrow Ad \cdot \downarrow & & \downarrow \downarrow \cdot \\
\mathbb{K}_{\mathbb{N}} \nabla \downarrow & \xrightarrow{\quad \mathfrak{X} \quad} & \mathfrak{U}|\mathbb{K}_{\mathbb{N}} \nabla \downarrow & \xleftarrow{\quad \models \quad} & \downarrow \nabla \mathbb{K}_{\mathbb{N}}
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