$$0 = 0 \rtimes \begin{array}{c|c} \bar{\lrcorner} & \urcorner \\ \hline -\bar{\urcorner} & \lrcorner \end{array} = \bar{\lrcorner}^{-1} \urcorner \underset{\text{i}}{\Leftrightarrow} \urcorner = 0$$

$$0 = 0 \rtimes \begin{array}{c|c} 1 & 1 \\ \hline -1 & 1 \end{array} = 1 = 1 \rtimes \begin{array}{c|c} \overset{*}{\lrcorner}^{-1} & 0 \\ \hline 0 & \lrcorner \end{array} = \overset{*}{\lrcorner} \lrcorner \underset{\text{iii}}{\Leftrightarrow} \lrcorner^{-1} = \overset{*}{\lrcorner}$$

$$0 = 0 \rtimes \begin{array}{c|c} 1 & 1 \\ \hline -1 & 1 \end{array} = 1 = 1 \rtimes \begin{array}{c|c} \natural & 0 \\ \hline 0 & \lrcorner \end{array} = \natural^{-1} \lrcorner \underset{\text{iv}}{\Leftrightarrow} \natural = \lrcorner$$

$$0 \rtimes \begin{array}{c|c} 1 & -i \\ \hline -i & 1 \end{array} = -i = -i \rtimes \begin{array}{c|c} \natural & 0 \\ \hline 0 & \lrcorner \end{array} = -i \natural^{-1} \lrcorner \underset{\text{v}}{\Leftrightarrow} \natural = \lrcorner$$

$$0 \rtimes \begin{array}{c|c} -j & -i \\ \hline ij & 1 \end{array} = ij = ij \begin{array}{c|c} \natural & \urcorner \\ \hline \llcorner & \lrcorner \end{array} = \overbrace{\natural + ij \llcorner}^{-1} \underbrace{\urcorner + ij \lrcorner} \underset{\text{vi}}{\Leftrightarrow} \begin{cases} \natural = \bar{\lrcorner} \\ \llcorner = -\bar{\urcorner} \end{cases}$$

$${}^{n}\mathbb{R}_{n}^{\mho} \sqsubset \underset{\omega}{\cup} \mid {}^{n}_{\dot{\mho}}\mathbb{R}_{n}^{\ni} \xrightarrow{\varepsilon_0} {}^{n}_{\dot{\mho}}\mathbb{R}_{n}^{\ni}$$

$${}^{n}\mathbb{R}_{n}^{\mho} \sqsubset \underset{\omega}{\Theta} \mid {}^{n}_{\dot{\mho}}\mathbb{R}_{n}^{\ni} \xrightarrow{\varepsilon_0} {}^{n}\mathbb{R}_{n}^{\ni}$$

$$\underset{\omega}{\Theta} \mid {}^{n}_{\dot{\mho}}\mathbb{R}_{n}^{\ni} = \underset{\omega}{\Theta}_1 \mid {}^{n}_{\dot{\mho}}\mathbb{R}_{n}^{\ni} \times \underset{\omega}{\Theta}_{-} \mid {}^{n}_{\dot{\mho}}\mathbb{R}_{n}^{\ni}$$

$$\underset{\omega}{\Theta}_1 \mid {}^{n}_{\dot{\mho}}\mathbb{R}_{n}^{\ni} =$$

$$\underset{\omega}{\Theta}_{-} \mid {}^{n}_{\dot{\mho}}\mathbb{R}_{n}^{\ni} =$$

$${}^{n}\mathbb{R}_{n}^{\mho} \ulcorner {}^{n}\mathbb{R}_{n}^{\mho} \times {}^{n}\mathbb{R}_{n}^{\mho} \underset{\asymp}{\xrightarrow{\varepsilon_0}} {}^{n}_{\bigcirc}\mathbb{R}_{n}^{\ni}$$

$${}^{n}\mathbb{R}_{n}^{\mho} \ulcorner {}^{n}\mathbb{C}_{n}^{\supset} \underset{\asymp}{\xrightarrow{\varepsilon_0}} {}^{n}_{\mho}\mathbb{R}_{n}^{\ni}$$

$$\overset{0}{\rceil} {}^{n}\mathbb{R}_{n}^{\mho} \times {}^{n}\mathbb{R}_{n}^{\mho} \underset{\text{iv}}{=} {}^{n}\mathbb{R}_{n}^{\mho} \underset{\text{i}}{=} \overset{0}{\rceil} {}^{n}\mathbb{C}_{n}^{\supset}$$

$${}^{n}\mathbb{R}_n^{\mho} \sqsubset \underset{\omega}{\mho} \,|\, {}^{n}_{\dot{\mho}}\mathbb{R}_n^{\oplus} \xrightarrow{\varepsilon_0} {}^{n}_{\dot{\mho}}\mathbb{R}_n^{\oplus}$$

$${}^{n}\mathbb{R}_n^{\ominus} \sqsubset \underset{\omega}{\ominus} \,|\, {}^{n}_{\dot{\mho}}\mathbb{R}_n^{\oplus} \xrightarrow{\varepsilon_0} {}^{n}\mathbb{R}_n^{\oplus}$$

$$\underset{\omega}{\ominus} \,|\, {}^{n}_{\dot{\mho}}\mathbb{R}_n^{\oplus} = \underset{\omega}{\ominus}{}_1 \,|\, {}^{n}_{\dot{\mho}}\mathbb{R}_n^{\oplus} \times \underset{\omega}{\ominus}{}_{-} \,|\, {}^{n}_{\dot{\mho}}\mathbb{R}_n^{\oplus}$$

$$\underset{\omega}{\ominus}{}_1 \,|\, {}^{n}_{\dot{\mho}}\mathbb{R}_n^{\oplus} =$$

$$\underset{\omega}{\ominus}{}_{-} \,|\, {}^{n}_{\dot{\mho}}\mathbb{R}_n^{\oplus} =$$

$${}^{n}\mathbb{R}_n^{\mho} \ulcorner {}^{n}\mathbb{C}_n^{\mho} \xrightarrow[\asymp]{\varepsilon_0} {}^{n}_{\bigcirc}\mathbb{R}_n^{\oplus}$$

$${}^{n}\mathbb{R}_n^{\mho} \ulcorner {}^{n}_{\mathsf{C}}\mathbb{R}_n \xrightarrow[\asymp]{\varepsilon_0} {}^{n}_{\mho}\mathbb{R}_n^{\oplus}$$

$${}^{0}\!\rceil\; {}^{n}\mathbb{C}_n^{\mho} \underset{\text{i}}{=} {}^{n}\mathbb{R}_n^{\mho} \underset{\text{iii}}{\equiv} {}^{0}\!\rceil\; {}^{n}_{\mathsf{C}}\mathbb{R}_n$$

$${}^{n}\mathbb{C}_n^{\mho} \sqsubset \underset{\varpi}{\mho}|\,{}^{n}_{\dot{\mho}}\mathbb{C}_n^{\Theta} \xrightarrow{\varepsilon_0} {}^{n}_{\dot{\mho}}\mathbb{C}_n^{\Theta}$$

$${}^{n}\mathbb{C}_n^{\Theta} \sqsubset \underset{\varpi}{\Theta}|\,{}^{n}_{\dot{\mho}}\mathbb{C}_n^{\Theta} \xrightarrow{\varepsilon_0} {}^{n}\mathbb{C}_n^{\Theta}$$

$$\underset{\varpi}{\Theta}|\,{}^{n}_{\dot{\mho}}\mathbb{C}_n^{\Theta} = \underset{\varpi}{\Theta}_1|\,{}^{n}_{\dot{\mho}}\mathbb{C}_n^{\Theta} \times \underset{\varpi}{\Theta}_{-}|\,{}^{n}_{\dot{\mho}}\mathbb{C}_n^{\Theta}$$

$$\underset{\varpi}{\Theta}_1|\,{}^{n}_{\dot{\mho}}\mathbb{C}_n^{\Theta} =$$

$$\underset{\varpi}{\Theta}_{-}|\,{}^{n}_{\dot{\mho}}\mathbb{C}_n^{\Theta} =$$

$${}^{n}\mathbb{C}_n^{\mho} \ulcorner {}^{n}\mathbb{C}_n^{\mho} \times {}^{n}\mathbb{C}_n^{\mho} \underset{\asymp}{\xrightarrow{\varepsilon_0}} {}^{n}_{\bigcirc}\mathbb{C}_n^{\Psi}$$

$${}^{n}\mathbb{C}_n^{\mho} \ulcorner {}^{n}_{\subset}\mathbb{C}_n \underset{\asymp}{\xrightarrow{\varepsilon_0}} {}^{n}_{\mho}\mathbb{C}_n^{\Psi}$$

$$^{0}\rfloor\, {}^{n}\mathbb{C}_n^{\mho} \times {}^{n}\mathbb{C}_n^{\mho} \underset{\text{v}}{=} {}^{n}\mathbb{C}_n^{\mho} \underset{\text{iii}}{\equiv} {}^{0}\rfloor\, {}^{n}_{\subset}\mathbb{C}_n$$

$$ {}^{n}\mathbb{H}_{n}^{\mho} \sqsubset \underset{\omega}{\mho} \,|\, {}^{n}_{\dot{\mho}}\mathbb{H}_{n}^{\mathfrak{U}} \xrightarrow{\varepsilon_0} {}^{n}_{\dot{\mho}}\mathbb{H}_{n}^{\mathfrak{U}} $$

$$ {}^{n}\mathbb{H}_{n}^{\Theta} \sqsubset \underset{\omega}{\Theta} \,|\, {}^{n}_{\dot{\mho}}\mathbb{H}_{n}^{\mathfrak{U}} \xrightarrow{\varepsilon_0} {}^{n}\mathbb{H}_{n}^{\mathfrak{U}} $$

$$ \underset{\omega}{\Theta} \,|\, {}^{n}_{\dot{\mho}}\mathbb{H}_{n}^{\mathfrak{U}} = \underset{\omega}{\Theta}_{1} \,|\, {}^{n}_{\dot{\mho}}\mathbb{H}_{n}^{\mathfrak{U}} \times \underset{\omega}{\Theta}_{-} \,|\, {}^{n}_{\dot{\mho}}\mathbb{H}_{n}^{\mathfrak{U}} $$

$$ \underset{\omega}{\Theta}_{1} \,|\, {}^{n}_{\dot{\mho}}\mathbb{H}_{n}^{\mathfrak{U}} = $$

$$ \underset{\omega}{\Theta}_{-} \,|\, {}^{n}_{\dot{\mho}}\mathbb{H}_{n}^{\mathfrak{U}} = $$

$$ {}^{n}\mathbb{H}_{n}^{\mho} \ulcorner {}^{n}\mathbb{H}_{n}^{\mho} \times {}^{n}\mathbb{H}_{n}^{\mho} \xrightarrow[\asymp]{\varepsilon_0} {}^{n}_{\bigcirc}\mathbb{H}_{n}^{\mathfrak{U}} $$

$$ {}^{n}\mathbb{H}_{n}^{\mho} \ulcorner {}^{2n}\mathbb{C}_{2n}^{\backepsilon} \xrightarrow[\asymp]{\varepsilon_0} {}^{n}_{\mho}\mathbb{H}_{n}^{\mathfrak{U}} $$

$$ {}^{0}\!\searrow {}^{n}\mathbb{H}_{n}^{\mho} \times {}^{n}\mathbb{H}_{n}^{\mho} \underset{\text{iv}}{=} {}^{n}\mathbb{H}_{n}^{\mho} \underset{\text{vi}}{=} {}^{0}\!\searrow {}^{2n}\mathbb{C}_{2n}^{\backepsilon} $$

$$ {}^{n}\mathbb{H}_{n}^{\mho} \sqsubset \underset{\omega}{\mho} \,|\, {}^{n}_{\dot{\mho}}\mathbb{H}_{n}^{\Theta} \xrightarrow{\varepsilon_0} {}^{n}_{\dot{\mho}}\mathbb{H}_{n}^{\Theta} $$

$$ {}^{n}\mathbb{H}_{n}^{\Theta} \sqsubset \underset{\omega}{\Theta} \,|\, {}^{n}_{\dot{\mho}}\mathbb{H}_{n}^{\Theta} \xrightarrow{\varepsilon_0} {}^{n}\mathbb{H}_{n}^{\Theta} $$

$$ \underset{\omega}{\Theta} \,|\, {}^{n}_{\dot{\mho}}\mathbb{H}_{n}^{\Theta} = \underset{\omega}{\Theta}_{1} \,|\, {}^{n}_{\dot{\mho}}\mathbb{H}_{n}^{\Theta} \times \underset{\omega}{\Theta}_{-} \,|\, {}^{n}_{\dot{\mho}}\mathbb{H}_{n}^{\Theta} $$

$$ \underset{\omega}{\Theta}_{1} \,|\, {}^{n}_{\dot{\mho}}\mathbb{H}_{n}^{\Theta} = $$

$$ \underset{\omega}{\Theta}_{-} \,|\, {}^{n}_{\dot{\mho}}\mathbb{H}_{n}^{\Theta} = $$

$$ {}^{n}\mathbb{H}_{n}^{\mho} \ulcorner {}^{2n}\mathbb{C}_{2n}^{\mho} \underset{\smile\frown}{\xrightarrow{\varepsilon_0}} {}^{n}_{\bigcirc}\mathbb{H}_{n}^{\Theta} $$

$$ {}^{n}\mathbb{H}_{n}^{\mho} \ulcorner {}^{n}_{\subset}\mathbb{H}_{n} \underset{\smile\frown}{\xrightarrow{\varepsilon_0}} {}^{n}_{\mho}\mathbb{H}_{n}^{\Theta} $$

$$ {}^{0}\rfloor\, {}^{2n}\mathbb{C}_{2n}^{\mho} \underset{\text{vi}}{=} {}^{n}\mathbb{H}_{n}^{\mho} \underset{\text{iii}}{=} {}^{0}\rfloor\, {}^{n}_{\subset}\mathbb{H}_{n} $$