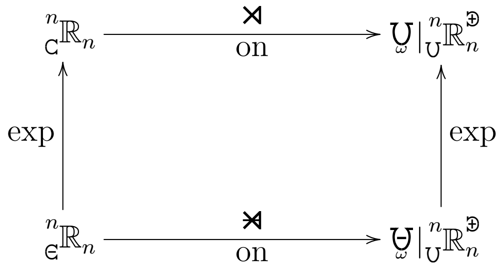
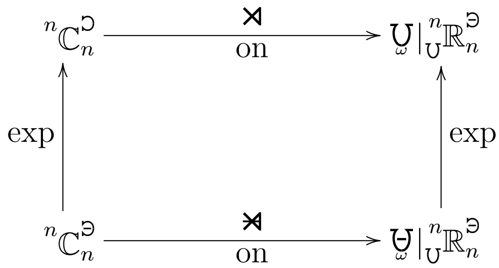


$$\Game \underset{A}{\ltimes} \begin{array}{c|c} \daleth^{\sharp\,-1} & 0 \\ \hline 0 & \daleth \end{array} = \Game \rtimes \overset{*}{A} \begin{array}{c|c} \daleth^{\sharp\,-1} & 0 \\ \hline 0 & \daleth \end{array} A$$

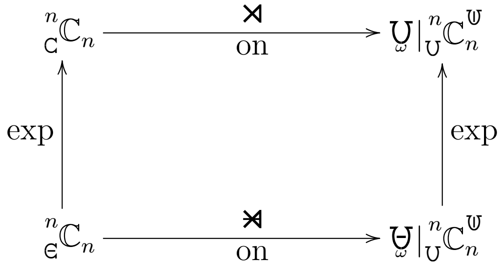
$$A = \frac{1}{\sqrt{2}} \begin{array}{c|c} 1 & -1 \\ \hline 1 & 1 \end{array} \Rightarrow \mathfrak{D}\, \overset{*}{X} = \mho \Rightarrow A \mho \overset{*}{A} = \mho \ \ast\text{-inv} \ / \ {}^{n}_{\supset}\mathbb{R}_n$$



$$\Game \rtimes \begin{array}{c|c} \daleth & \Game \\ \hline -\Game & \daleth \end{array} = \Game \begin{array}{c|c} \daleth & \Game \\ \hline -\Game & \daleth \end{array}$$

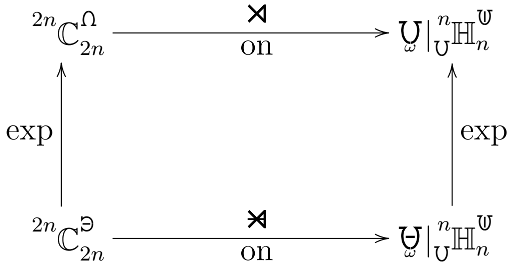
$$\ni = \mho \Rightarrow \mho = D \ni \overset{*}{D} \ \ast\text{-inv} \ / \ {}^{n}\mathbb{C}_n^{\supset} \subset {}^{2n}\mathbb{R}_{2n}^{\supset} \cap D'$$

$$D = \frac{1}{\sqrt{2}} \begin{array}{c|c} 1 & \ast \\ \hline -\ast & 1 \end{array}$$



$$\neg \rtimes_A \left(\begin{array}{c|c} \overset{*}{\Gamma}^{-1} & 0 \\ \hline 0 & \Gamma \end{array}\right) = \neg \rtimes \mathring{A}^{*} \left(\begin{array}{c|c} \overset{*}{\Gamma}^{-1} & 0 \\ \hline 0 & \Gamma \end{array}\right) A$$

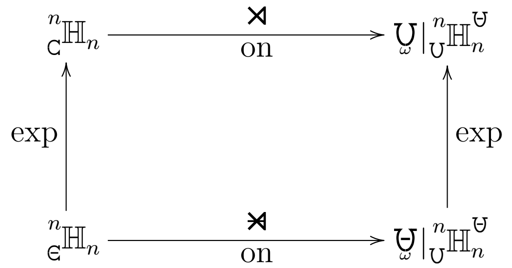
$$A = \frac{1}{\sqrt{2}} \left(\begin{array}{c|c} 1 & -1 \\ \hline 1 & 1 \end{array}\right) \Longrightarrow \Theta \overset{*}{A} = \Theta \Longrightarrow A \cup \overset{*}{A} = \mho \ \text{*-inv} \ / {}^{n}_{\supset}\mathbb{C}_n$$



$$\neg \rtimes_C \left(\begin{array}{c|c} \Gamma & \Gamma \\ \hline \Gamma & \Gamma \end{array}\right) = \neg \rtimes \overset{*}{C} \left(\begin{array}{c|c} \Gamma & \Gamma \\ \hline \Gamma & \Gamma \end{array}\right) C$$

$$C = \frac{1}{\sqrt{2}} \left(\begin{array}{c|c} j & ji \\ \hline i & 1 \end{array}\right) \Longrightarrow C \mho \overset{*}{C} = -j\Theta \Longrightarrow C \cup \overset{*}{C} = -ij\Theta \ \text{*-inv} \ / {}^{2n}\mathbb{C}^{\cap}_{2n}$$

$$\Longrightarrow j \ast \left(\begin{array}{c|c} \Gamma & \Gamma \\ \hline \Gamma & \Gamma \end{array}\right) \oplus = j \left(\begin{array}{c|c} \bar{\Gamma} & -\bar{\Gamma} \\ \hline \bar{\Gamma} & -\bar{\Gamma} \end{array}\right) = \left(\begin{array}{c|c} \Gamma & -\Gamma \\ \hline \Gamma & -\Gamma \end{array}\right) j = \left(\begin{array}{c|c} \Gamma & \Gamma \\ \hline \Gamma & \Gamma \end{array}\right) j\Theta$$



$$\neg \rtimes_A \left(\begin{array}{c|c} \overset{*}{\Gamma}^{-1} & 0 \\ \hline 0 & \Gamma \end{array}\right) = \neg \rtimes \mathring{A}^{*} \left(\begin{array}{c|c} \overset{*}{\Gamma}^{-1} & 0 \\ \hline 0 & \Gamma \end{array}\right) A$$

$$A = \frac{1}{\sqrt{2}} \left(\begin{array}{c|c} 1 & -1 \\ \hline 1 & 1 \end{array}\right) \Longrightarrow \Theta \overset{*}{A} = \Theta \Longrightarrow A \cup \overset{*}{A} = \mho \ \text{*-inv} \ / {}^{n}_{\supset}\mathbb{H}_n$$