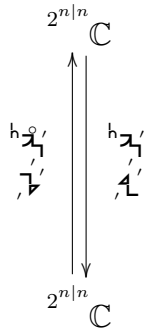
$$\mathbb{C}^n \times^{2^{n|n}} \mathbb{C} \ni \psi$$



$$\mathbb{C}^n \xrightarrow[e^{\mu}_{\beta'}]{e^{\mu}_{\alpha'}} {}^{2^{n|n}}\mathbb{C}^{\mathbb{C}}_{2^{n|n}}$$

$$\mathbb{C}^n \xrightarrow[\psi_{\mathsf{h}}=\psi^{*}\eta'\psi]{\psi'_{\mathsf{h}}=\bar{e}^{*}_{\alpha'}\eta'e^{\mu}_{\beta'}} {}^{\mathbb{C}}_{2^{p\prime q}}\mathbb{C}^{2^{p\prime q}}$$

$$\eta^{\prime\prime}_{\mathsf{h}} = \bar{e}^{*}_{\alpha'}\eta e^{\mu}_{\beta'}$$

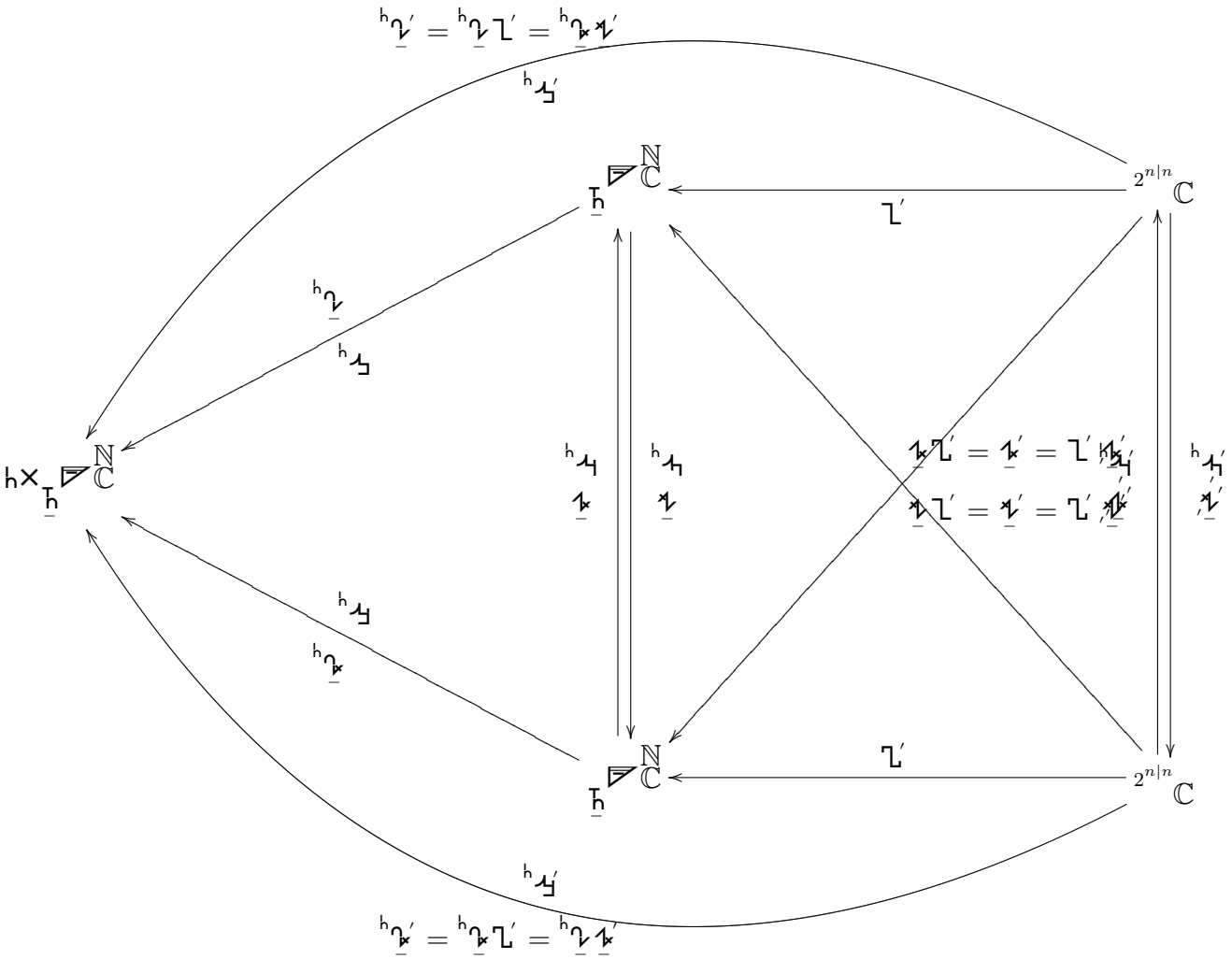
$$\eta^{HK}_{\mathsf{h}} = \bar{e}^{*H}_{I}\,\eta^{IJ}\,e^{K}_{J}$$

$$\psi = \begin{cases} e^{\mu}_{\alpha'}\underbrace{e^{\mu}_{\beta',\mathsf{h}}} \\ \psi^{\beta'}\underbrace{\psi^{\alpha'},\mathsf{h}} \end{cases} \quad : \quad {}_{I}\delta^{J} = \begin{cases} e^{\mu L}_{I}\,e^{\mu J}_{L} \\ {}_{I}\psi^{L}\,{}_{L}\psi^{J} \end{cases}$$

$$\psi = \begin{cases} e^{\mu}_{\beta'}\underbrace{e^{\mu}_{\alpha',\mathsf{h}}} \\ \psi^{\alpha'}\underbrace{\psi^{\beta'},\mathsf{h}} \end{cases} \quad : \quad {}_{M}\delta^{N} = \begin{cases} e^{\mu K}_{M}\,e^{\mu N}_{K} \\ {}_{M}\psi^{K}\,{}_{K}\psi^{N} \end{cases}$$

$$\psi \times \psi = \psi^{*}\eta^{\prime\prime}\psi = {}_{I}\psi^{*}\,\eta^{IJ}\,{}_{J}\psi$$

$$\psi \underset{\mathsf{h}}{\times} \psi = \begin{cases} \underbrace{e^{\mu}_{\alpha',\mathsf{h}}\psi} \times \underbrace{e^{\mu}_{\alpha',\mathsf{h}}\psi} & = \overbrace{e^{\mu}_{\alpha',\mathsf{h}}\psi}^{*}\eta\underbrace{e^{\mu}_{\alpha',\mathsf{h}}\psi} = \underbrace{\psi^{*}e^{\mu}_{\alpha',\mathsf{h}}}\eta\underbrace{e^{\mu}_{\alpha',\mathsf{h}}\psi} = \psi^{*}\underbrace{e^{\mu}_{\alpha',\mathsf{h}}\eta e^{\mu}_{\alpha',\mathsf{h}}}\psi = \psi^{*}\eta^{\prime\prime}_{\mathsf{h}}\psi = {}^{*}_{\mu}\psi\eta^{\mu\nu}{}_{\nu}\psi \\ \underbrace{\psi^{\beta'},\mathsf{h}}\times\underbrace{\psi^{\beta'},\mathsf{h}}\psi & = \overbrace{\psi^{\beta'},\mathsf{h}}^{*}\eta\underbrace{\psi^{\beta'},\mathsf{h}}\psi = \underbrace{\psi^{*}\psi^{\beta'}}\eta\underbrace{\psi^{\beta'},\mathsf{h}}\psi = \psi^{*}\underbrace{\psi^{\beta'}\eta\psi^{\beta'}},\mathsf{h}\psi = \psi^{*}\psi'_{\mathsf{h}}\psi = {}^{*}_{\mu}\psi\psi'_{\mathsf{h}}{}^{\nu}_{\nu}\psi \end{cases}$$



$$\mathbb{C}^{n|n} \quad \mathbb{C}^{\mathbb{N}} \quad \mathbb{C}^{\mathbb{N}} \quad \mathbb{C}^{n|n}$$

$$\mathbb{C}^{\mathbb{N}} \quad \mathbb{C}^{\mathbb{N}}$$

$$\mathbb{C}^{n|n} \quad \mathbb{C}^{n|n}$$

$$\mathbb{C}^{n|n} = \mathbb{C}^{J} \quad {}_{J}\mathbb{C}$$

$$\mathbb{C}^{\prime} \quad {}_{,1} = \mathbb{C}_{\mathbb{C}} \underbrace{\mathbb{C}^{\prime} \quad {}_{,1}}: \quad \mathbb{C}^{N} = \mathbb{C}_{\mathbb{C}} \mathbb{C}^{N}$$

$$\mathbb{C}^{\prime} \quad {}_{,1} = \mathbb{C}^{\prime} \underbrace{\mathbb{C}^{\prime} {}_{,1}}: \quad \mathbb{C}^{N} = \mathbb{C}^{\prime} \quad \mathbb{C}^{N}$$

$\mathbb{N}$
$\mathbb{C}$
$2^{n|n}$
$\mathbb{C}$

$$\text{ך}^{\prime}\ ,\text{ן}=\begin{cases}{}^{\text{h}}\text{ת}\underbrace{{}^{\text{h}}\text{ס}^{\prime},\text{ן}}\\ \text{ב}_{\text{h}}\underbrace{{}^{\text{h}}\text{ל}^{\prime},\text{ן}}\end{cases}\quad:\quad\text{ך}^{J}=\begin{cases}{}^{\text{h}}\text{ת}{}^{\text{h}}\text{ס}^{J}\\ \text{ב}_{\text{h}}{}^{\text{h}}\text{ל}^{J}\end{cases}$$

$$\begin{cases}{}^{\text{h}}\text{ת}^{\prime},\text{ן} & =\underline{\text{ו}}_{\text{h}}\underbrace{{}^{\text{h}}\text{ס}^{\prime},\text{ן}}\\ \text{ד}^{\prime},\text{ן} & =\underline{\text{ו}}_{\text{h}}\underbrace{{}^{\text{h}}\text{ל}^{\prime},\text{ן}}\end{cases}\begin{cases}{}^{\text{h}}\text{ת}^{J} & =\underline{\text{ו}}_{\text{h}}{}^{\text{h}}\text{ס}^{J}\\ \text{ד}^{J} & =\underline{\text{ו}}_{\text{h}}{}^{\text{h}}\text{ל}^{J}\end{cases}$$

$$\begin{cases}{}^{\text{h}}\text{ת}^{\prime},\text{ו} & ={}^{\text{h}}\text{ת}\underbrace{{}^{\text{h}}\underline{\text{ן}}^{\prime},\text{ו}}\\ \text{ך}^{\prime},\text{ו} & =\text{ב}_{\text{h}}\underbrace{{}^{\text{h}}\underline{\text{ן}}^{\prime},\text{ו}}\end{cases}\begin{cases}{}^{\text{h}}\text{ת}^{N} & ={}^{\text{h}}\text{ת}{}^{\text{h}}\underline{\text{ן}}^{N}\\ \text{ך}^{N} & =\text{ב}_{\text{h}}{}^{\text{h}}\underline{\text{ן}}^{N}\end{cases}$$

$${}^{\text{h}}\underline{\text{ן}}^{\prime}\ ,\text{ו}=\begin{cases}{}^{\text{h}}\text{ס}\underbrace{{}^{\text{h}}\text{ת}^{\prime},\text{ו}}\\ {}^{\text{h}}\text{ל}\underbrace{\text{ך}^{\prime},\text{ו}}\end{cases}\quad:\quad{}^{\text{h}}\underline{\text{ן}}^{N}=\begin{cases}{}^{\text{h}}\text{ס}{}^{\text{h}}\text{ת}^{N}\\ {}^{\text{h}}\text{ל}\,\text{ך}^{N}\end{cases}$$

$$\begin{cases}{}^{\text{h}}\text{ס}^{\prime},\text{ן} & ={}^{\text{h}}\text{ס}\underbrace{\text{ך}^{\prime},\text{ן}}={}^{\text{h}}\underline{\text{ן}}\underbrace{{}^{\text{h}}\text{ת}^{\prime},\text{ן}}\\ {}^{\text{h}}\text{ל}^{\prime},\text{ן} & ={}^{\text{h}}\text{ל}\underbrace{\text{ך}^{\prime},\text{ן}}={}^{\text{h}}\underline{\text{ן}}\underbrace{\text{ד}^{\prime},\text{ן}}\end{cases}$$

$$\begin{cases}{}^{\text{h}}\text{ס}^{J} & ={}^{\text{h}}\text{ס}\text{ך}^{J}={}^{\text{h}}\underline{\text{ן}}{}^{\text{h}}\text{ת}^{J}\\ {}^{\text{h}}\text{ל}^{J} & ={}^{\text{h}}\text{ל}\text{ך}^{J}={}^{\text{h}}\underline{\text{ן}}\text{ד}^{J}\end{cases}$$