

$$1 = \underbrace{\tau_h^h}_{\tau} = \kappa' \underbrace{\lambda 1} = \lambda' \underbrace{\gamma 1}$$

$$h\gamma 1 = h\gamma' \underbrace{\lambda 1} = h\alpha' \underbrace{\gamma 1} = h\alpha \underbrace{\gamma 1}$$

$$\lambda 1 = \underbrace{\tau_h^h}_{\tau} = \lambda' \underbrace{\gamma 1} = \lambda \underbrace{\gamma 1}$$

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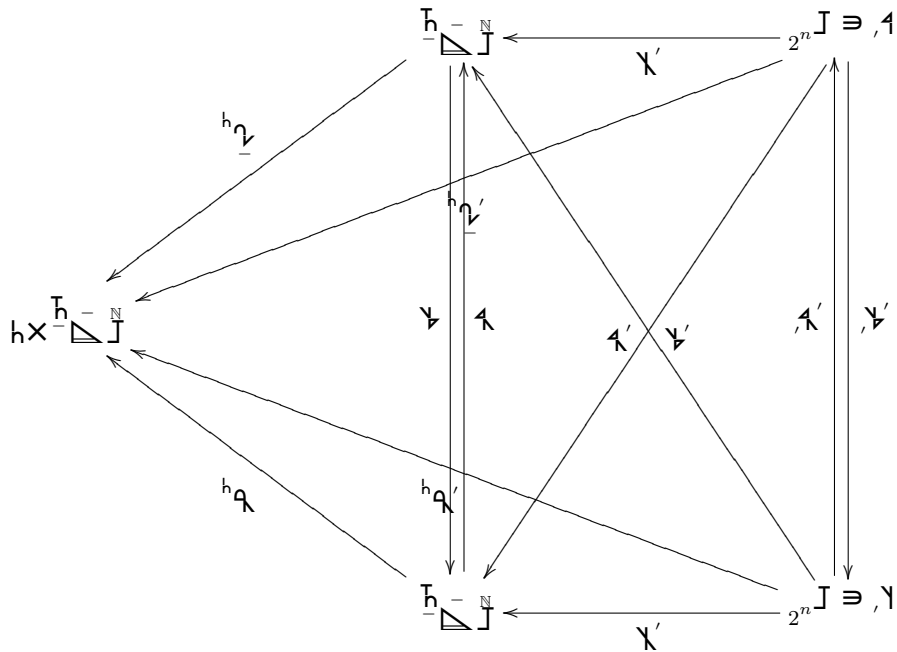
$$\gamma = \underbrace{\tau_h^h}_{\tau} = \lambda' \underbrace{\lambda \gamma} = \gamma' \underbrace{\lambda \gamma}$$

$$h\alpha \gamma = h\alpha' \underbrace{\lambda \gamma} = h\gamma' \underbrace{\lambda \gamma} = h\gamma \underbrace{\lambda \gamma}$$

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$$A = \underbrace{\psi_h^{-1} h_{\psi'}^{-1} A}_{\psi_h^{-1} h_{\psi'}^{-1} A} = \underbrace{\psi_h^{-1} A}_{\psi_h^{-1} A} = \underbrace{\psi_h^{-1} \psi' A}_{\psi_h^{-1} \psi' A} = \underbrace{\psi_h^{-1} \psi' A}_{\psi_h^{-1} \psi' A}$$

$$h_{\psi'}^{-1} A = h_{\psi'}^{-1} \psi_h^{-1} A = h_{\psi'}^{-1} \psi_h^{-1} \psi' A = h_{\psi'}^{-1} \psi_h^{-1} \psi' A$$

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$$Y = \underbrace{\psi_h^{-1} h_{\psi'}^{-1} Y}_{\psi_h^{-1} h_{\psi'}^{-1} Y} = \underbrace{\psi_h^{-1} Y}_{\psi_h^{-1} Y} = \underbrace{\psi_h^{-1} \psi' Y}_{\psi_h^{-1} \psi' Y} = \underbrace{\psi_h^{-1} \psi' Y}_{\psi_h^{-1} \psi' Y}$$

$$h_{\psi'}^{-1} Y = h_{\psi'}^{-1} \psi_h^{-1} Y = h_{\psi'}^{-1} \psi_h^{-1} \psi' Y = h_{\psi'}^{-1} \psi_h^{-1} \psi' Y$$

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$$\psi_h^{-1} \psi' Y = \psi_h^{-1} h_{\psi'}^{-1} \psi' Y = \psi_h^{-1} \psi_h^{-1} \psi' Y = \psi_h^{-1} \psi_h^{-1} \psi' Y$$

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$$h_{\psi'}^{-1} = h_{\psi'}^{-1} \psi_h^{-1} \text{ basis}$$

$$h_{\psi'}^{-1} = h_{\psi'}^{-1} \psi_h^{-1} = h_{\psi'}^{-1} \psi_h^{-1} \psi' = h_{\psi'}^{-1} \psi_h^{-1} \psi' \text{ basis}$$

$${}^h \mathfrak{K}^i \otimes_h {}^h \mathfrak{K}^j = {}_i \eta^j$$

$$A = \mathfrak{K} \otimes \mathfrak{K}' = \mathfrak{V} \otimes \mathfrak{A}' = \mathfrak{A}' \otimes \mathfrak{V}'$$

$$\mathfrak{K}' = \mathfrak{K}^1 \dots \mathfrak{K}^n$$

$\mathfrak{H}^* \ni \mathfrak{K}^j$ dual basis

$${}_i \mathfrak{K} \mathfrak{K}^j = {}_i \delta^j$$

$$\mathfrak{K}^i \mathfrak{K}^j = {}_i \delta^j = {}_i \mathfrak{K} \mathfrak{K}^j$$

$$\mathfrak{K}^{*i} = {}_i \mathfrak{K}$$

$$\mathfrak{K}^i \otimes \mathfrak{K}^j = \mathfrak{K}^i \eta \mathfrak{K}^j = {}_i \mathfrak{K} \eta \mathfrak{K}^j = {}_i \eta^j$$

$$\mathfrak{K}^i \otimes_h \mathfrak{K}^j = \mathfrak{K}^i \otimes_h \mathfrak{K}^j = {}_i \mathfrak{K} \otimes_h \mathfrak{K}^j = {}_i \mathfrak{K}^j$$

$$\mathfrak{A}' = \mathfrak{A}^1 \dots \mathfrak{A}^n$$

$\mathfrak{H} \ni \mathfrak{A}^j = \mathfrak{A} \mathfrak{K}^j$ basis

$${}^h \mathfrak{A}^i \otimes_h {}^h \mathfrak{A}^j = \left({}^h \mathfrak{K} \mathfrak{K}^i \right)^* \left(\mathfrak{V} \eta \mathfrak{V} \right) {}^h \mathfrak{A} \mathfrak{K}^j = \mathfrak{K}^{*i} \eta \mathfrak{K}^j = {}_i \eta^j$$

$$\mathfrak{H} \xrightarrow[\mathfrak{V}']{\mathfrak{A}'} 2^n \mathbb{J}^n$$

$$\mathfrak{A}' = \mathfrak{V}' \eta' \mathfrak{V}'$$

