$$ {}^{\mathbb{h}}\underset{\omega}{\triangle}\mathbb{C} $$

$$ {}^{\mathbb{h}}\underset{\omega}{\triangle}\mathbb{C} \xleftarrow{\mu} {}^{\mathbb{h}}\underset{\omega}{\triangle}\mathbb{C} \,⧖\, {}^{\mathbb{h}}\underset{\omega}{\triangle}\mathbb{C} \sqsubset {}^{\mathbb{h}\times\mathbb{h}}\underset{\omega}{\triangle}\mathbb{C} \xleftarrow{\delta} {}^{\mathbb{h}}\underset{\omega}{\triangle}\mathbb{C} $$

$$ \pi\left(ɿ⧖ɿ'\right) = ɿ\,ɿ' $$

$$ {}^{s:t}(\delta ɿ) = {}^{st}ɿ $$

$$ \delta ɿ = \sum_i ɿ_i ⧖ ɿ^i \Leftrightarrow {}^{st}ɿ = \sum_i {}^{s}ɿ_i\, {}^{t}ɿ^i $$

$$ \underset{\mathbb{N}}{\mathbb{K}} \overset{\sharp}{\triangledown} \underline{\mathbb{h}} = {}^{\underset{\mathbb{N}}{\mathbb{K}} \triangledown \underline{\mathbb{h}}}\triangle\mathbb{K} \xleftarrow[\text{unit bihom}]{\varphi_{\mathbb{h}}} {}^{\mathbb{h}}\underset{\omega}{\triangle}\mathbb{K} $$

$$ \left(P \mapsto P|ɿ = {}^{e}\overbrace{P \ltimes ɿ}\right) \hookleftarrow ɿ $$

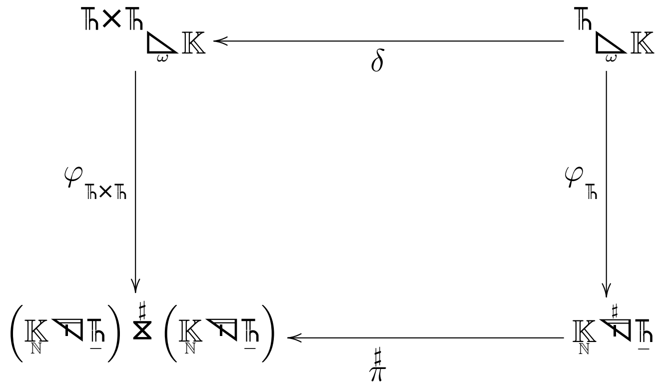
$$ \flat|ɿ = \partial_t^0\, {}^{\exp t\flat}ɿ $$

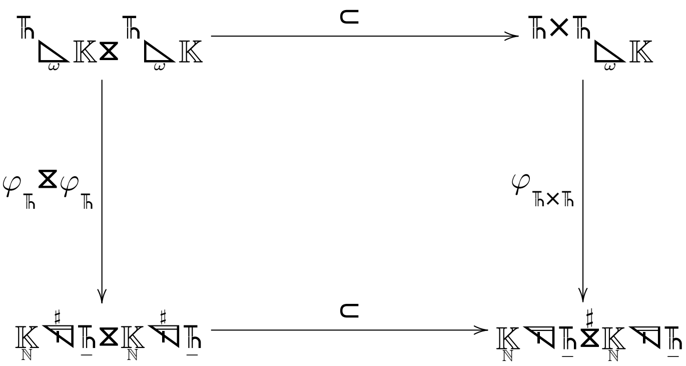
$$ e|ɿ = {}^{e}ɿ $$

$$ \varphi_{\mathbb{h}} \text{ inj} $$

$$ \varphi_{\mathbb{h}} ɿ = 0 \Rightarrow \bigwedge_0^P = P|ɿ = {}^{e}(P \ltimes ɿ) \Rightarrow {}^{U}ɿ = 0 \underset{\text{ident}}{\Rightarrow} ɿ = 0 $$

$$ \begin{array}{ccc} {}^{\mathbb{h}}\underset{\omega}{\triangle}\mathbb{K} & \xleftarrow[\pi]{} & {}^{\mathbb{h}}\underset{\omega}{\triangle}\mathbb{K} ⧖ {}^{\mathbb{h}}\underset{\omega}{\triangle}\mathbb{K} \\ \downarrow \varphi_{\mathbb{h}} & & \downarrow \varphi_{\mathbb{h}} ⧖ \varphi_{\mathbb{h}} \\ \underset{\mathbb{N}}{\mathbb{K}} \overset{\sharp}{\triangledown} \underline{\mathbb{h}} & \xleftarrow[\overset{\sharp}{\delta}]{} & \underset{\mathbb{N}}{\mathbb{K}} \overset{\sharp}{\triangledown} \underline{\mathbb{h}} ⧖ \underset{\mathbb{N}}{\mathbb{K}} \overset{\sharp}{\triangledown} \underline{\mathbb{h}} \end{array} $$


δ
π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