$$\mathbb{1} \ni \mathbb{T}$$

$$\Big\downarrow \varrho$$

$$\overset{\sharp}{\mathbb{1}} \underset{\omega}{\overset{\infty}{\triangle}} \mathbb{C} \ni \overset{\wedge}{\mathbb{T}}$$

$$\mathbb{1} \in \underset{0}{\overset{n}{\nabla}} \mathbb{C} \text{ voll abel Balg}$$

$$\mathbb{1}$$

$$\Big\downarrow \varrho$$

$$\overset{\sharp}{\mathbb{1}} \underset{\omega}{\triangle} \mathbb{C}$$

$$\mathbb{1} \in \underset{0}{\overset{n}{\nabla}} \mathbb{C} \text{ abel unit Balg}$$

$$\mathbb{1} \ni \mathbb{T} \Rightarrow {}^{\mathbb{L}}\overset{\wedge}{\mathbb{T}} = {}^{\mathbb{L}}\mathbb{T}$$

$$\overset{\wedge}{\mathbb{T}} = {}^{\mathbb{1}^\sharp}\overset{\wedge}{\mathbb{T}} \Rightarrow \mathbb{1}^\sharp \xrightarrow[\text{hol } \mathbb{1}^\sharp | \mathbb{1} \text{ stet}]{\overset{\wedge}{\mathbb{T}}} \mathbb{C}$$

$$\bigwedge_{\mathbb{L} \in \mathbb{1}^\sharp} \overline{{}^{\mathbb{L}}\overset{\wedge}{\mathbb{T}}} = \overline{{}^{\mathbb{L}}\mathbb{T}} \leqslant \overline{\mathbb{L}}\,\overline{\mathbb{T}} \leqslant \overline{\mathbb{T}} \Rightarrow {}^{\infty}\overline{\overset{\wedge}{\mathbb{T}}} \leqslant \overline{\mathbb{T}} \text{ contr}$$

$$\bigwedge_{\mathbb{L} \in \mathbb{1}^\sharp} {}^{\mathbb{L}}\overset{\wedge}{\overbrace{\mathbb{T}\mathbb{T}_,}} = {}^{\mathbb{L}}\overbrace{\mathbb{T}\mathbb{T}_,} = {}^{\mathbb{L}}\mathbb{T}\,{}^{\mathbb{L}}\mathbb{T}_, = {}^{\mathbb{L}}\overset{\wedge}{\mathbb{T}}\,{}^{\mathbb{L}}\overset{\wedge}{\mathbb{T}}_, = {}^{\mathbb{L}}\overbrace{\overset{\wedge}{\mathbb{T}}\overset{\wedge}{\mathbb{T}}_,} \Rightarrow \overset{\wedge}{\overbrace{\mathbb{T}\mathbb{T}_,}} = \overset{\wedge}{\mathbb{T}}\,\overset{\wedge}{\mathbb{T}}_, \text{ hom}$$

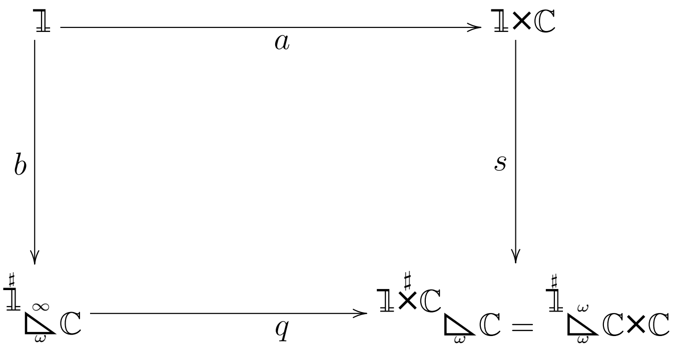
$$\mathbb{1} \text{ unit } \Rightarrow \mathbb{1}^\sharp \text{ cpt } \Rightarrow \overset{\sharp}{\mathbb{1}} \underset{\omega}{\overset{\infty}{\triangle}} \mathbb{C} = \overset{\sharp}{\mathbb{1}} \underset{\omega}{\triangle} \mathbb{C}$$

$$\text{unit } \mathbb{1} \ni \mathbb{T} \Rightarrow {}^{\mathbb{1}^\sharp}\hat{\mathbb{T}} = \mathbb{1}^\sharp_{\mathbb{T}} \text{ spec}$$

$$\subset: \quad \lambda = {}^{\mathbb{L}}\hat{\mathbb{T}} = {}^{\mathbb{L}}\mathbb{T} \Rightarrow {}^{\mathbb{L}}\overbrace{\lambda e - \mathbb{T}} = 0 \Rightarrow \lambda e - \mathbb{T} \not\ni \mathbb{1}_{\mathsf{C}} \Rightarrow \lambda \in \mathbb{1}^\sharp_{\mathbb{T}}$$

$$\supset: \quad \lambda \in \mathbb{1}^\sharp_{\mathbb{T}} \Rightarrow \lambda e - \mathbb{T} \not\ni \mathbb{1}_{\mathsf{C}} \Rightarrow \bigvee \mathbb{1} \overset{\max}{\underset{\text{ex}}{\sqsupset}} \mathfrak{m} \ni \lambda e - \mathbb{T}$$

$$\underset{\text{Prop}}{\Rightarrow} \bigvee \mathbb{L} \in \mathbb{1}^\sharp \ker \mathbb{L} = \mathfrak{m} \ni \lambda e - \mathbb{T} \Rightarrow 0 = {}^{\mathbb{L}}(\lambda e - \mathbb{T}) = \lambda - {}^{\mathbb{L}}\mathbb{T} \Rightarrow \lambda = {}^{\mathbb{L}}\mathbb{T} \in {}^{\mathbb{1}^\sharp}\hat{\mathbb{1}}$$



$$\mathbb{1} \in \overset{n}{\underset{0}{\triangledown}}\mathbb{C} \text{ voll abel non-unit } \Rightarrow \mathbb{1}\times\mathbb{C} \in \overset{n}{\underset{0}{\triangledown}}\mathbb{C} \text{ voll abel unit}$$

$$\text{non-unit } \mathbb{1} \ni \mathbb{T} \Rightarrow \hat{\mathbb{T}} \in \overset{\sharp}{\mathbb{1}} \overset{\omega}{\underset{\omega}{\triangle}} \mathbb{C}$$

$$\bigwedge_{\varepsilon > 0} \mathbb{1} \overset{\sharp}{\times} \mathbb{C} \supset \frac{\Vdash \in \mathbb{1}\overset{\sharp}{\times}\mathbb{C}}{\overline{\Vdash \mathbb{1}{:}0} \geqslant \varepsilon} \not\ni \infty \underset{\overset{\sharp}{i} \text{ homeo}}{\Rightarrow} K = \frac{\mathbb{L} \in \overset{\sharp}{\mathbb{1}}}{\overline{\mathbb{L}\mathbb{T}} \geqslant \varepsilon} \text{ cpt}$$

$$\bigwedge_{\mathbb{L} \in \overset{\sharp}{\mathbb{1}} \llcorner K} \overline{{}^{\mathbb{L}}\hat{\mathbb{T}}} = \overline{\mathbb{L}\mathbb{T}} < \varepsilon$$

$$\text{non-unit } \mathbb{1} \ni \mathbb{T} \Rightarrow {}^{\overset{\sharp}{\mathbb{1}}}\hat{\mathbb{1}} \cup 0 = \mathbb{1}^\sharp \big| \mathbb{T} \cup 0$$