

$$\begin{array}{ccc}
 \mathbb{T} \in \mathbb{K} \triangleleft & & \\
 \uparrow & & \\
 a & & e \\
 \downarrow & & \\
 \underline{\mathbb{T}} \in \mathbb{K} \triangleleft & & \\
 \\ 
 \underline{\mathbb{T}} \supset \mathbb{V}_0 & \xleftrightarrow{e} & U \subset \mathbb{T} \ni e \\
 & \swarrow & 
 \end{array}$$

$$W \subset V$$

$$W = -W$$

$$\mathbb{T}_e^W L \subset U$$

$$W_{e^{-1}} = -W_e = W_e$$

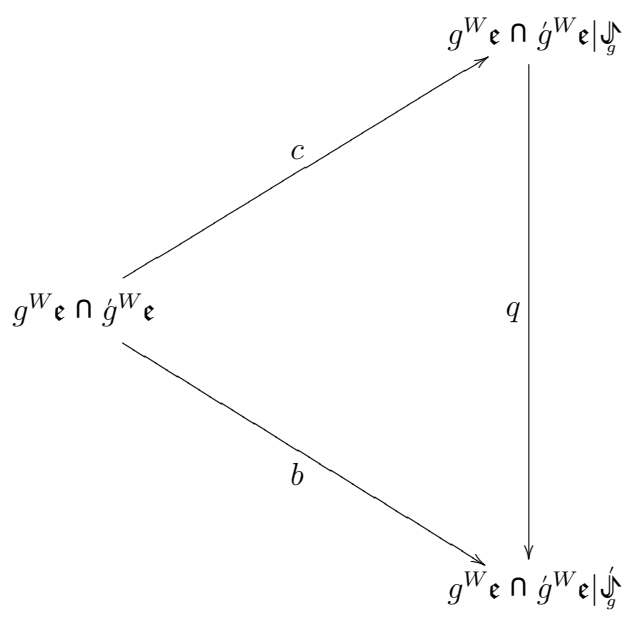
$$g^{W_e} \ni h \xrightarrow{\mathbb{J}_g} g^{-1}h \in W \subset \underline{\mathbb{T}} * \mathbb{K}^N$$

$$\text{Atlas } \mathbb{J}_g \in \mathbb{T}$$

$$W \subset V \Rightarrow W_e \subset U \subset \mathbb{T} \Rightarrow g \in g^{W_e} \subset \mathbb{T} \Rightarrow \text{off deck of } \mathbb{T}$$

$$\dot{g} \in \mathbb{T} \text{ mit } h \in g^{W_e} \cap \dot{g}^{W_e} \neq \emptyset \Rightarrow \dot{g}^{-1}h \in W_e \Rightarrow g^{-1}\dot{g} = (g^{-1}h)(\dot{g}^{-1}h)^{-1} \in \mathbb{T}_e^{W_e} L^{-1} \subset U$$

$$\Rightarrow \bigvee_{h \in V} g^{-1}\dot{g} = \mathbb{T}_e \Rightarrow \text{komm diag}$$



$\mathbb{J} \Gamma = \text{Camp-Haus}$

$$h(\mathbb{J} \Gamma) = \overset{g^{-1h}}{\mathbb{J}} \Gamma = \text{Camp-Haus} \overset{g^{-1h}}{\mathbb{J}} \mathcal{L} = \underbrace{g^{-1g}}_{\mathbb{J}} \underbrace{c}_{\mathbb{J}} \overset{g^{-1h}}{\mathbb{J}} = g^{-1h} \mathbb{J} = h \mathbb{J}_g$$

$$\mathbb{H} \supset \mathbb{V}_0 \begin{array}{c} \xrightarrow{e} \\ \xleftarrow{\mathbb{J}} \end{array} U \subset \mathbb{H} \ni e$$