

$$\mathbb{G}_r Z \triangleleft_{\omega} \mathcal{L}_\ell \xrightarrow{\simeq} Z \triangleleft_{\sim}^{\ell \cdot \ell} \mathbb{C}$$

$$s \eta \in \mathbb{G}_r Z \triangleleft_{\omega} \mathcal{L}_\ell \leftarrow Z \triangleleft_{\sim}^{\ell \cdot \ell} \mathbb{C} \ni \gamma$$

$$Z \triangleleft_{\sim}^{\ell \cdot \ell} \mathbb{C} \ni \gamma \Rightarrow Z_\zeta^1 | \gamma \in Z_\zeta^1 \triangleleft_{\sim}^{\ell \cdot \ell} \mathbb{C} \Rightarrow t \gamma = {}^t N_s s \gamma$$

$$\mathbb{G}_r Z \triangleleft_{\omega} \mathcal{L}_\ell \xleftarrow{\text{inj}} Z \triangleleft_{\sim}^{\ell \cdot \ell} \mathbb{C}$$

$$0 = \widehat{s} \eta = s \lambda s \gamma \Rightarrow s \gamma = 0 \Rightarrow S \gamma = 0 \xrightarrow{\text{hol}} \gamma = 0$$

$$S \triangleleft_{\infty}^{\ell} \mathbb{C} = \frac{\gamma \in S \triangleleft_{\infty} \mathbb{C}}{s \square^* \gamma = t \square^* \gamma \Rightarrow t \gamma = {}^t N_s^{\ell s} \gamma}$$

$$\eta \in \mathbb{G}_r Z \triangleleft_{\omega} \mathcal{L}_\ell \xrightarrow{\simeq} S \triangleleft_{\infty}^{\ell} \mathbb{C} \ni \gamma$$

$$s \eta = s \lambda s \gamma$$

$$Z \triangleleft_{\sim}^{\mu} \mathbb{C} \ni \gamma \Rightarrow Z_\zeta^1 | \gamma \in Z_\zeta^1 \triangleleft_{\sim}^{\mu} \mathbb{C}$$

$$\gamma = \eta_\omega^\mu \Rightarrow {}^{zP} \zeta \gamma = {}^{zP} \zeta \eta_\omega^\mu = {}^z \eta_{\omega P_\zeta}^\mu \in Z_\zeta^1 \triangleleft_{\sim}^{\mu} \mathbb{C}$$

$$Z_e^{1/2} \xrightarrow{e \mathcal{A}} \mathbb{G}_r Z$$

$${}^v_e\mathcal{L} = Z_e^1 \mathbf{e}^{\dot{\square}v} = \frac{u\mathbf{e}^{\dot{\square}v}}{u \in Z_e^1}$$

$$u\mathbf{e}^{\dot{\square}v} = u+$$