

$T \subset G$ comp

$$\Delta(t) = \prod_{\alpha \in \Delta^+(\mathfrak{g}/t)} \underbrace{1 - \xi_\alpha(t^{-1})}$$

$$T \subset G \begin{array}{c} \xrightarrow{\pi} \mathbb{X}G \\ \xleftarrow{t} \end{array}$$

$\dot{g} = Tg \mapsto g^{-1}tg$ well-def

$$\int_{dg}^G g\gamma = \frac{1}{|W_{G/T}|} \int_{dt}^T \frac{2}{\Delta(t)} \int_{dg}^{\mathbb{X}G} g^{-1}tg\gamma$$

KNA/550