

$\Theta$  stable Cartan  $C_0 \cdots C_n \subset G$

$$\Delta_j(h) = \prod_{\alpha \in \Delta(\mathfrak{g}/\mathfrak{h}_j)} \underbrace{1 - \xi_\alpha(h^{-1})}$$

$$C \subset G \begin{array}{c} \xrightarrow{\pi} \mathbb{Q}G \\ \xleftarrow{h} \end{array}$$

$\dot{g} = Cg \mapsto g^{-1}hg$  well-def

$$Cg = C\dot{g} \Rightarrow \dot{g}g^{-1} \in C \Rightarrow \underbrace{\dot{g}g^{-1}}h = h\underbrace{\dot{g}g^{-1}} \Rightarrow \dot{g}^{-1}h\dot{g} = g^{-1} \underbrace{\overbrace{\dot{g}g^{-1}h\dot{g}g^{-1}}^{-1}}_{=h} g = g^{-1}hg$$

$$\int_{dg}^G g\gamma = \sum_j \frac{1}{|W_{G/C_j}|} \int_{dh}^{C_j} \overline{\Delta_j^2(h)} \int_{d\dot{g}}^{\mathbb{Q}_j G} g^{-1}hg\gamma$$

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