

$$K \supset G$$

λ inf char

coh ind $A_q(\lambda) \supset \mathcal{K}_\tau$ lowest K-type

$G \times_K \mathcal{K}_\tau$ hom VB

$$K \supset G \triangleleft_{\infty}^{\lambda} \mathcal{K}_\tau \xleftarrow[\text{1-st order DO}]{\mathcal{D}^{\lambda}} K \supset G \triangleleft_{\infty}^{\lambda} \mathcal{K}_\tau$$

$$K \supset G \triangleleft_{\infty}^{\lambda} \mathcal{K}_\tau = \mathcal{D}^{\lambda} \triangleleft_{\infty}^{\lambda} K \supset G \triangleleft_{\infty}^{\lambda} \mathcal{K}_\tau$$

$$P \supset G \triangleleft_{\infty}^{\lambda} \mathcal{K}_\tau \xleftarrow{\quad} K \supset G \triangleleft_{\infty}^{\lambda} \mathcal{K}_\tau \xleftarrow{\quad} A_q(\lambda)$$

abel $T \sqsubset K \sqsubset G$

$$L = T \blacktriangleleft G$$

Levi $Q^c = L^c N^c \sqsubset G^c$

$$\mathfrak{a} \stackrel{\max}{\sqsubset}_{\text{abel}} L \cap \mathfrak{p}$$

$$P = MAN$$

$$K \supset G \triangleleft_{\infty}^{\lambda} \mathcal{K}_\tau \xleftarrow{\quad} \text{Ind}_P^G(\sigma \otimes \rho_L \otimes 1)$$

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$$K \supset G \triangleleft_{\infty}^{\lambda} \mathcal{K}_\tau \xleftarrow{\quad} A_q(\lambda)$$