

$$G \times_{\underline{K}} \widehat{\underline{K} \setminus \underline{G}} = \left\{ \begin{array}{l} g:\flat \sim kg:\flat k^{-1} \\ \flat \in \underline{K} \setminus \underline{G}:g \in G \end{array} \right.$$

$$\begin{array}{ccc} G & \xrightarrow{\tilde{\flat}} & \underline{K} \setminus \underline{G} \\ K \setminus \downarrow & & \\ \underline{K} \setminus G & \xrightarrow{\tilde{\flat}} & G \times_{\underline{K}} \widehat{\underline{K} \setminus \underline{G}} \end{array}$$

$$\begin{aligned} \underline{K} \setminus \underline{G} &\ni \begin{cases} {}^{\gamma_x} \tilde{\flat} = {}^x B_x {}^x \flat \\ {}^g \tilde{\flat} = {}^o g {}^{og} \flat \end{cases} \Rightarrow {}^{kg} \tilde{\flat} = {}^o \underline{k} g {}^{okg} \flat = {}^o \underline{k} {}^{ok} \underline{g} {}^{og} \flat = {}^o \underline{k} {}^o \underline{g} {}^{og} \flat = {}^o \underline{k} {}^g \tilde{\flat} \\ \underline{K} \setminus \underline{G} \times (og) &\ni \begin{cases} {}^{og} \underline{\flat} = {}^g \tilde{\flat} : g = {}^o g {}^{og} \underline{\flat} : g \\ {}^x \underline{\flat} = {}^{\gamma_x} \tilde{\flat} : \gamma_x = {}^x B_x {}^x \underline{\flat} : \gamma_x \end{cases} \end{aligned}$$

$$\begin{array}{ccccc} & & R_g \ltimes \tilde{\flat} & & \\ & \nearrow R_g & \downarrow & \searrow \tilde{\flat} & \\ G & \xrightarrow{R_g} & G & \xrightarrow{\tilde{\flat}} & \underline{K} \setminus \underline{G} \\ \downarrow K \setminus & & \downarrow K \setminus & & \\ \underline{K} \setminus G & \xrightarrow{g} & \underline{K} \setminus G & \xrightarrow{\tilde{\flat}} & \underline{K} \setminus G \times_{\underline{K}} \underline{G} \\ & \searrow g \ltimes \tilde{\flat} & & & \nearrow \end{array}$$