

$$\begin{aligned}
& \underline{G \times G} \rtimes G \triangleleft_{\omega}^G \mathbb{C} \\
& \overbrace{g_1 : g_2}^g \rtimes \eta = g_1^{-1} g g_2 \eta \\
& \underline{G \times G} \rtimes G \triangleleft_m^2 \mathbb{C} \text{ mult-free}
\end{aligned}$$