

$$\begin{aligned}
{}_0\check{G}_r^\wedge = \check{G}^\wedge = \text{Aut } Z^C \sqsubset \check{G}_\lambda^\wedge = \text{Aut } B^C \rightarrow \check{G}_\diamond^\wedge = \hat{G}^\wedge \neg \hat{G}_\lambda^\wedge = {}_0\check{G}_r^\wedge = {}_0\hat{G}_r^\wedge \neg \hat{G}_\lambda^\wedge \\
{}_i\check{G}_r^\wedge \sqsubset \check{G}_\lambda^\wedge \rightarrow {}_i\check{G}_\diamond^\wedge = {}_i\hat{G}_r^\wedge \neg \hat{G}_\lambda^\wedge \\
\hat{G}_r^\wedge = \hat{G}^\wedge = \hat{G}_r^\wedge \neg \hat{G}_\lambda^\wedge = \mathbb{G}(Z) \\
{}_i\check{G}_r^\wedge \sqsubset \check{G}^\wedge \rightarrow {}_i\check{G}_r^\wedge = {}_i\check{G}_r^\wedge \neg \check{G}^\wedge
\end{aligned}$$