

$$\mathbb{P} \rtimes G \xrightarrow[\text{plex}]{\rtimes} \mathbb{P}$$

$$\mu \xrightarrow[\text{mom}]{\Phi} \mathfrak{g}^+$$

$$^+_{\hbar}\overline{\Phi\gamma} = \hbar \rtimes \gamma$$

$${}_h \rtimes_g \Phi = {}_h \Phi \rtimes g$$

$$\overline{{}_h\bowtie\gamma}_{{}_h\Phi} = {}_h\Phi\bowtie\gamma$$

$$\text{LHS} = \partial_{\varepsilon} \overline{{}_h\mathfrak{X}_{g_{\varepsilon}}\Phi} = \partial_{\varepsilon} \overline{\Phi\mathfrak{X}_{g_{\varepsilon}}} = \text{RHS}$$

$$|_h \Phi = |_h \Omega | \overline{h \rtimes g}$$

$$\overline{\mathbb{L}_h \Phi} \gamma = \mathbb{L}_h \overline{\Phi} \gamma = \mathbb{L}_h \Omega_h^+ \overline{\Phi} \gamma = \mathbb{L}_h \Omega_h \overline{h \rtimes \gamma}$$

$$L \in |_{h_-} \Phi \Leftrightarrow \overline{|_{h_-} \Phi} g = 0 \Leftrightarrow L_h \Omega \overline{h \rtimes g} = 0 \Leftrightarrow L \in {}_h \Omega | \overline{h \rtimes g}$$