

$$\begin{aligned} {}_2\Omega_n^{\mathbb{E}} &\sqsubset {}_2\Omega_n^{\mathbb{E}} \times {}_2\Omega_n^{\mathbb{E}} \text{ sympl groups} \\ &{}_{2n}\mathbb{R}_{2n}^{\Omega} \times {}_{2n}\mathbb{R}_{2n}^{\Omega} / {}_{2n}\mathbb{R}_{2n}^{\Omega} \\ &{}_{2n}\mathbb{C}_{2n}^{\Omega} \times {}_{2n}\mathbb{C}_{2n}^{\Omega} / {}_{2n}\mathbb{C}_{2n}^{\Omega} \end{aligned}$$