

$$\varphi\colon (\mathbb{S}^3\times \mathbb{R}_u, d(e^*\alpha_{\mathbb{S}^3})) \rightarrow (T^*\mathbb{R}^2\setminus \{\mathbf{0}, \mathbf{0}\}, dx_1\wedge dy_1+dx_2\wedge dy_2); \textcolor{blue}{(z_1, z_2, u)} \mapsto e^{u/2}(r_1\cos\theta_1, r_2\cos\theta_2, r_1\sin\theta_1, \textcolor{blue}{r_2}\sin\theta_2)$$