

$$\begin{array}{ccc}
 \textbf{(a)} & \mathcal{K}' \longrightarrow \mathcal{K} \times \mathbb{R} & \textbf{(b)} \quad \mathcal{K}' \longrightarrow \mathcal{K} \times \mathbb{R} \\
 & z \longmapsto (\tilde{q}, t) & z \longmapsto (q, t)
 \end{array}$$