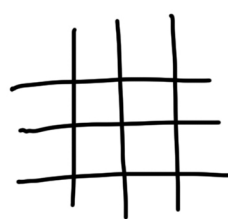
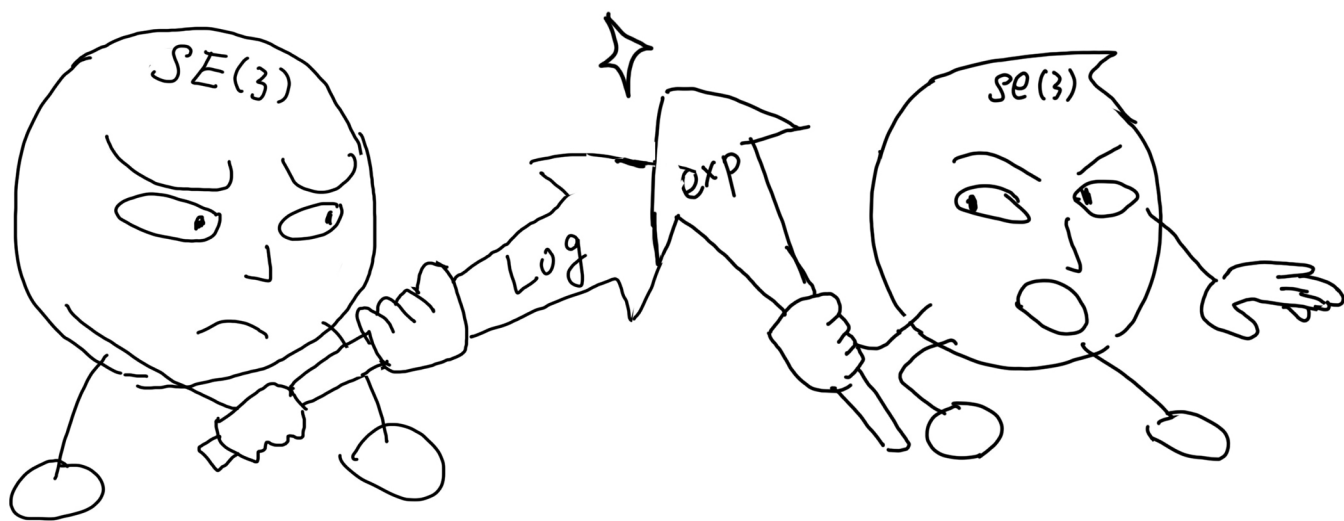




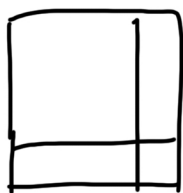
Manifold



Tangent Space



$$T = \begin{bmatrix} R & t \\ 0^T & 1 \end{bmatrix} \in SE(3)$$



4x4

$$(\log(T))^{\vee} = \zeta$$

$$\exp(\zeta^{\wedge}) = T$$

$$\zeta = [p, \phi]^T \in se(3)$$



6x1

