

$$\mathbb{L} \xrightarrow[\text{cobasis}]{\cdot \mathbb{L}} \mathbb{R}^d$$

$$\mathbb{L} \supset V \xrightarrow{\cdot \mathbb{L}} V^{\cdot} \subset \mathbb{R}^d$$

$$\mathbb{R}^d \xrightarrow[\text{basis}]{\cdot \mathbb{L}} \mathbb{L}$$

$$\mathbb{R}^d \supset W \xrightarrow{\cdot \mathbb{L}} V \subset \mathbb{L}$$

$$\mathbb{R}^d \supset U \xrightarrow{\cdot \mathbb{L}} \mathbb{L} \xrightarrow{\mathfrak{L}} V \subset \mathfrak{h} \in \mathbb{R}_{\infty}^{\triangleleft} \text{ manifold}$$

$$\mathfrak{L} = \cdot \mathbb{L} \mathfrak{L}$$