

$$\mathbb{C}_n \mathbb{R}^p = \frac{\mathcal{A} = \mathcal{A}^1 \mid \dots \mid \mathcal{A}^p}{\text{frame}}$$

$$\mathbb{C}_{n \bullet} \mathbb{R}^p = \frac{\mathbb{1} \subseteq_n \mathbb{R}}{\dim \mathbb{1} = p}$$

$$\mathbb{C}_n \mathbb{R}^p \ni \mathcal{A} \mapsto \mathcal{A} \cdot_p \mathbb{R} \in \mathbb{C}_{n \bullet} \mathbb{R}^p$$