$$\mathbb{1} \in \triangledown\mathbb{K}$$

$$\mathfrak{b} \bowtie \mathbb{1}$$

$$\mathfrak{b} \bowtie \underbrace{\mathbb{1}\varphi + \acute{\mathbb{1}}\acute{\varphi}} = \underbrace{\mathfrak{b} \bowtie \mathbb{1}}\varphi + \underbrace{\mathfrak{b} \bowtie \acute{\mathbb{1}}}\acute{\varphi}$$

$$\underbrace{\mathfrak{b} \bowtie \acute{\mathfrak{b}}} \bowtie \mathbb{1} = \mathfrak{b} \bowtie \underbrace{\acute{\mathfrak{b}} \bowtie \mathbb{1}} - \acute{\mathfrak{b}} \bowtie \underbrace{\mathfrak{b} \bowtie \mathbb{1}}$$

$$\mathfrak{b} \bowtie \underbrace{\mathbb{1} \times \acute{\mathbb{1}}} = \underbrace{\mathfrak{b} \bowtie \mathbb{1}} \times \acute{\mathbb{1}} + \mathbb{1} \times \underbrace{\mathfrak{b} \bowtie \acute{\mathbb{1}}}$$

$$\mathfrak{b}_{\triangle}^{0}\mathbb{1} = \mathbb{1}$$

$$\mathfrak{b}_{\triangle}^{0}\mathbb{1} = \mathbb{1}$$

$$\Big\downarrow d \;\; \text{differential}$$

$$\mathfrak{b}_{\triangle}^{1}\mathbb{1}$$