

$$V \otimes E \otimes V \cap V^{\otimes 2} \otimes E$$

$$\frac{V^{\otimes 2} \otimes E}{E \otimes E}$$

$$\frac{V^{\otimes 4}}{V \otimes E \otimes V + E \otimes V^{\otimes 2}}$$

$$\frac{V^{\otimes 4}}{V^{\otimes 2} \otimes E + V \otimes E \otimes V + E \otimes V^{\otimes 2}}$$

$$0$$

$$\frac{(V \otimes E \otimes V \cap V^{\otimes 2} \otimes E) + E \otimes E}{E \otimes E}$$

$$\frac{V^{\otimes 2} \otimes E + V \otimes E \otimes V + E \otimes V^{\otimes 2}}{V \otimes E \otimes V + E \otimes V^{\otimes 2}}$$

$$\frac{V^{\otimes 4}}{V^{\otimes 2} \otimes E + V \otimes E \otimes V + E \otimes V^{\otimes 2}}$$

$$\frac{V^{\otimes 2} \otimes E \cap (V \otimes E \otimes V + E \otimes V^{\otimes 2})}{E \otimes E}$$

$$\frac{V^{\otimes 2} \otimes E + V \otimes E \otimes V + E \otimes V^{\otimes 2}}{V \otimes E \otimes V + E \otimes V^{\otimes 2}}$$

$$\frac{V^{\otimes 4}}{V^{\otimes 2} \otimes E + V \otimes E \otimes V + E \otimes V^{\otimes 2}}$$

$$E \otimes V \cap V \otimes E$$

$$V \otimes E$$

$$\frac{V^{\otimes 3}}{E \otimes V}$$

$$\frac{V^{\otimes 3}}{V \otimes E + E \otimes V}$$

$$0$$

$$E \otimes V \cap V \otimes E$$

$$\frac{E \otimes V + V \otimes E}{E \otimes V}$$

$$\frac{V^{\otimes 3}}{V \otimes E + E \otimes V}$$

$$E \otimes V \cap V \otimes E$$

$$\frac{E \otimes V + V \otimes E}{E \otimes V}$$

$$\frac{V^{\otimes 3}}{V \otimes E + E \otimes V}$$

$$0$$

$$E$$

$$V^{\otimes 2}$$

$$\frac{V^{\otimes 2}}{E}$$

$$0$$

$$0$$

$$0$$

$$V$$

$$V$$

$$0$$

$$0$$

$$0$$

$$0$$

$$\mathbb{K}$$

$$\mathbb{K}$$

$$\mathbf{A} \otimes (E \otimes V \cap V \otimes E) \xrightarrow{d_3} \mathbf{A} \otimes E \xrightarrow{d_2} \mathbf{A} \otimes V \xrightarrow{d_1} \mathbf{A} \xrightarrow{\epsilon} \mathbb{K} \longrightarrow 0$$