

$$V^* \xlongequal{\quad} V^*$$

$$K^{n+1} \xrightarrow[a \mapsto Ta]{} K^{n+1}$$

$$\ell'_\varepsilon \uparrow$$

$$\ell_\varepsilon \uparrow$$

$$y_j \xlongequal{\quad} \sum_{i=0}^n t_{ij} x_i$$

$$\mathbf{e}_j \xrightarrow{\quad} \sum_{i=0}^n t_{ij} \mathbf{e}_i$$

$$\uparrow$$

$$\uparrow$$