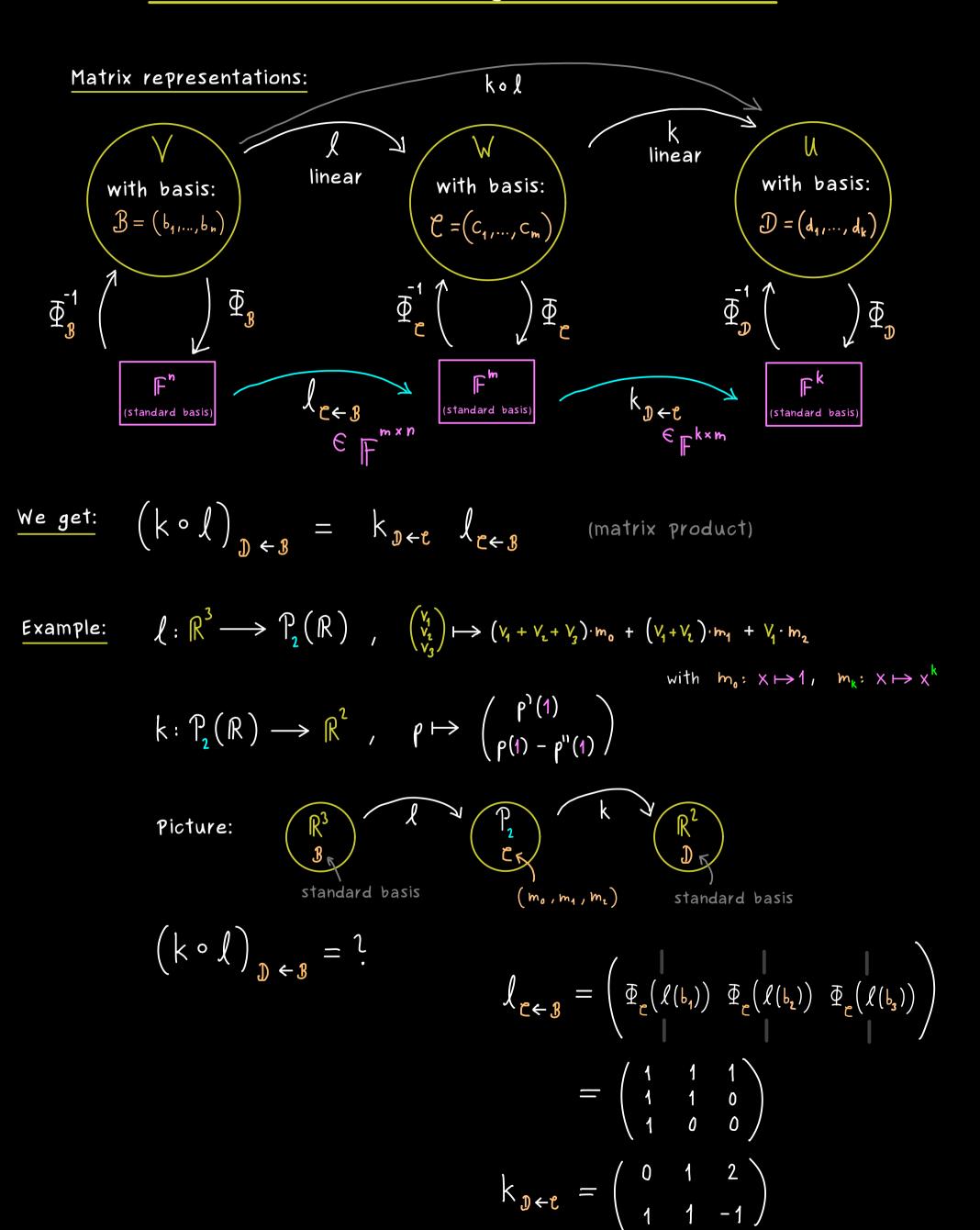


Abstract Linear Algebra - Part 26



$$(k \circ l)_{\mathfrak{D} \leftarrow \mathfrak{B}} = k_{\mathfrak{D} \leftarrow \mathfrak{C}} l_{\mathfrak{C} \leftarrow \mathfrak{B}} = \begin{pmatrix} 3 & 1 & 0 \\ 1 & 2 & 1 \end{pmatrix}$$

Corollary:

$$\left(\begin{array}{c} 1 \\ 1 \end{array} \right)_{\mathbf{3} \leftarrow \mathbf{c}} = \left(\begin{array}{c} 1 \\ 1 \end{array} \right)^{-1}$$

n = m

