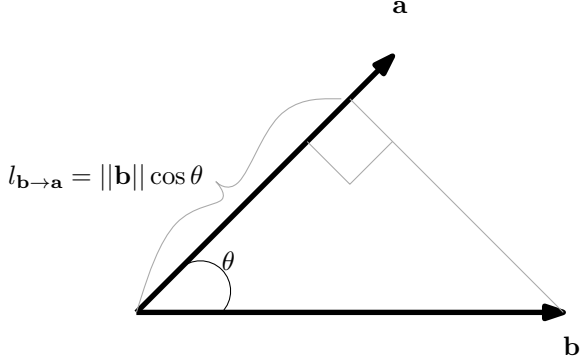


$$l_{\mathbf{a} \rightarrow \mathbf{b}} = \|\mathbf{a}\| \cos \theta$$

$$l_{\mathbf{a} \rightarrow \mathbf{b}} = (\|\mathbf{a}\| \|\mathbf{b}\| \cos \theta) / \|\mathbf{b}\|$$

$$l_{\mathbf{a} \rightarrow \mathbf{b}} = \mathbf{a} \cdot \mathbf{b} / \|\mathbf{b}\|$$



$$l_{\mathbf{b} \rightarrow \mathbf{a}} = \|\mathbf{b}\| \cos \theta$$

$$l_{\mathbf{b} \rightarrow \mathbf{a}} = (\|\mathbf{a}\| \|\mathbf{b}\| \cos \theta) / \|\mathbf{a}\|$$

$$l_{\mathbf{b} \rightarrow \mathbf{a}} = \mathbf{a} \cdot \mathbf{b} / \|\mathbf{a}\|$$