Linear Functional May 2, 2021

## 1 | Axler6.39 linear functional def

A linear functional on V is a linear map from V to  $\mathbb{F}$ . In other words, a linear functional is an element of  $\mathcal{L}(V,\mathbb{F})$ 

## 2 | results

## 2.1 | Riesz Representation Theorem

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