#incomplete

1 | Overview

- Exists over a KBe20math530refFieldand it's two operations (primary: addition, and secondary: multiplication)

2 | Finite Dimensional Vector Spaces

- Notes originally based on Axler Linear Algebra Done Right 3rd addition chapter 2 | | | |-|-| Linear Combination | KBe20math530refLinearCombination Span | KBe20math530refSpan Polynomial | KBrefPolynomial Linear Independence | KB20math530refLinearIndependence ## #definition finite-dimensional vector space > some (finite length) list of vectors in it spans the space. (Axler 2.10) ### #definition infinite-dimensional vector space > A vector space that isn't finite dimensional

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