

#flo #hw

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## 1 | Finite-Dimensional Vector Spaces

title: Review

$F$  denotes  $\mathbb{R}$  or  $\mathbb{C}$

$V$  denotes a [\[\[file:KBe20math530refVectorSpace.org\] \[KBe20math530refVectorSpace\]\]](#) over  $F$

- lin alg does not focus on arbitrary vector spaces
- it focuses on finite-dimensional vector spaces!

title: learning objectives for the chapter

- span
- linear independence
- bases
- dimension