

Source: [\[KBe2020math530index\]](#)

- Do algebra with matrices with vectors - Works because linear operations
 - Only linear transformations # Linearity
 - transformations
 - combinations
 - independence
 - You can do scalar multiplication and add them together # Algebra
 - Do stuff to things, maybe not add/multiply, numbers
 - Add and multiply
 - $\text{abs}(x) \leq 2$
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