

**Source:** [KBe20math530refVectorSpace](#)

## 1 | In the context of linear algebra

- From Axler Linear Algebra Done Right 3rd Ed. 2.A
  - #definition polynomial
    - $p : F \rightarrow F$  with coefficients in  $F$  if there exist  $a_0, \dots, a_m \in F$  such that  $p(z) = a_0 + a_1 z + a_2 z^2 + \dots + a_m z^m$
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