#flo #hw

1 | Linear Maps

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no one get's excited about vector spaces -axler
the interesting part: linear maps!
title: learning objectives
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- fundementals theorem of linear maps
- matrix of linear map w.r.t. given bases
- isomorphic vec spaces
- product spaces
- quotient spaces
- duals spaces
 - vector space
 - linear map

2 | The vector space of linear maps

key definition!

"ad-def title: linear map a linear map from V to W is a function $T:V\to W$ with the following properties: additivity T(v+v)=Tu+Tv for all $u,v\in V$ homogeneity $\mathsf{T}(\lambda)$