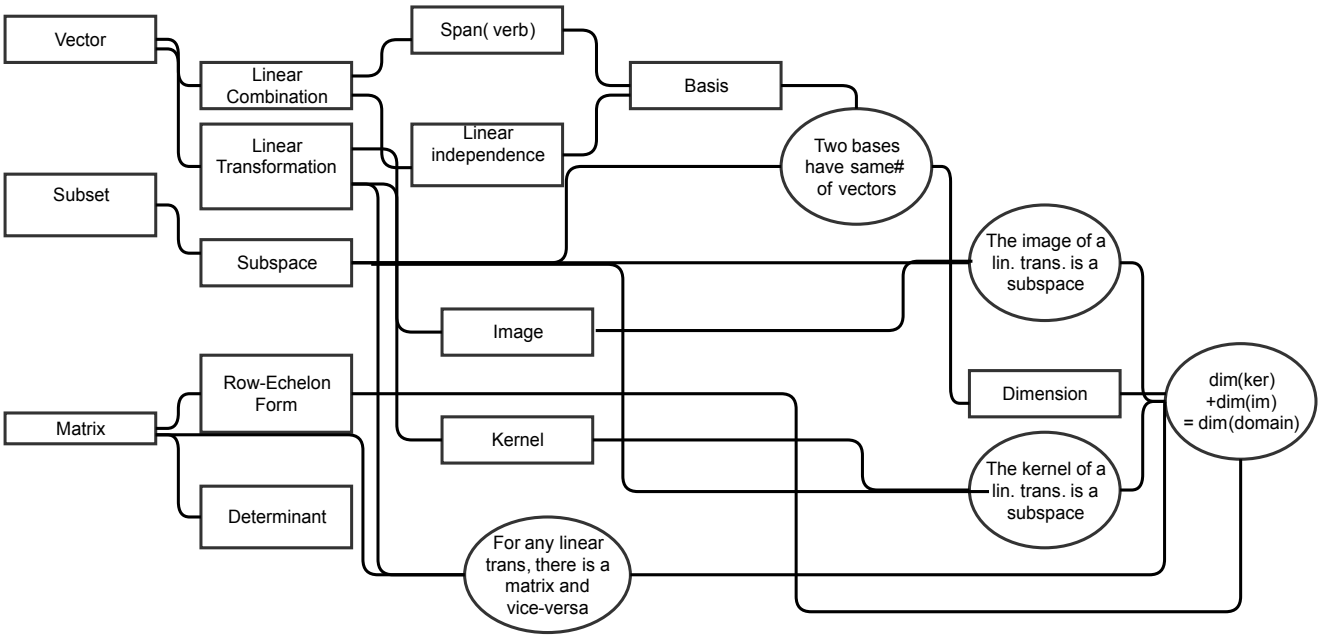
Vector
Subset
Matrix
Linear Combination
Linear Transformation
Subspace
Row-Echelon Form
Determinant
Span(verb)
Linear independence
Image
Kernel
Basis
Two bases have same# of vectors
The image of a lin. trans. is a subspace
Dimension
The kernel of a lin. trans. is a subspace
dim(ker) +dim(im) = dim(domain)
For any linear trans, there is a matrix and vice-versa