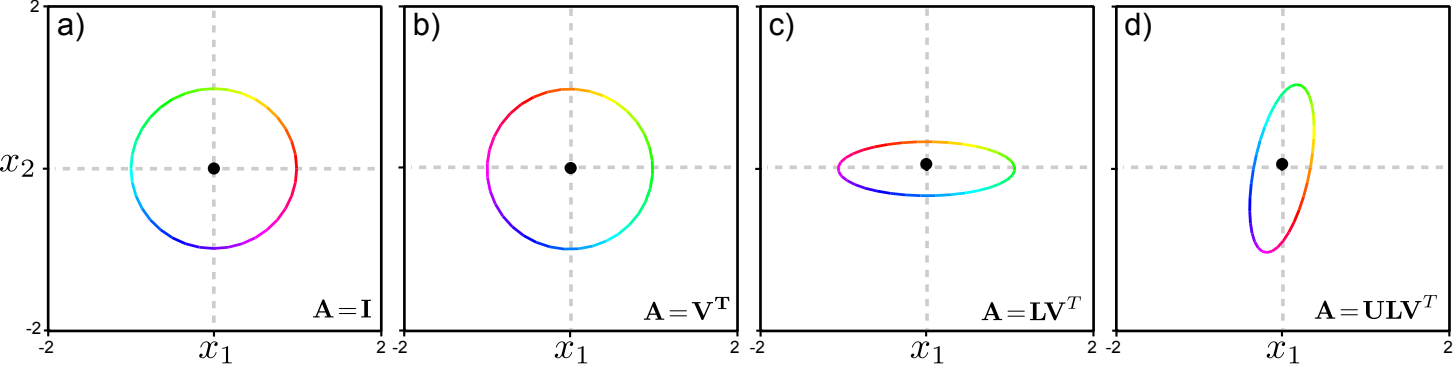
a)
b)
c)
d)
x_2
x_1
x_1
x_1
x_1
2
-2
-2
2
$\mathbf{A} = \mathbf{I}$
$\mathbf{A} = \mathbf{V}^{\mathbf{T}}$
$\mathbf{A} = \mathbf{L}\mathbf{V}^{T}$
$\mathbf{A} = \mathbf{U}\mathbf{L}\mathbf{V}^{T}$