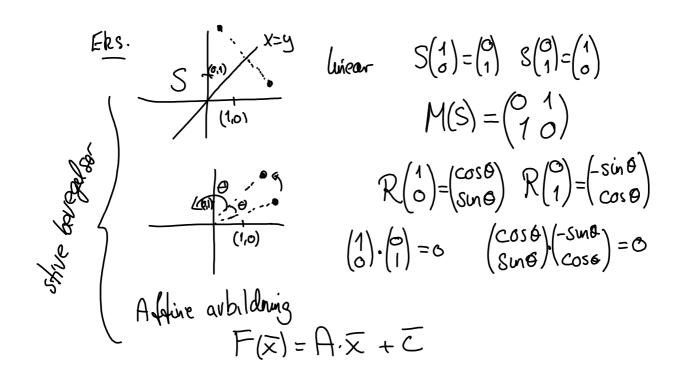
Lineare aubildrunger

$$T: \mathbb{R} \to \mathbb{R}^n$$
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 $T:$ 

160120.notebook January 20, 2016



## Egenverdi/egenvelutor

 $T: \mathbb{R}^n \to \mathbb{R}^n$ ,  $\overline{x}$  er en egenvelter hvis det finnes et  $\lambda \in \mathbb{R}$  slik at  $T(\overline{x}) = \lambda \cdot \overline{x}$  egenverdi

Ehs Egenvelder for en obassion?  $\frac{d}{dx}(y) = \lambda \cdot y$  dus  $y' = \lambda \cdot y$ Ehs Egenvelder for en obassion?  $\frac{d}{dx}(y) = \lambda \cdot y$  dus  $y' = \lambda \cdot y$ Ehs Egenvelder for en obassion?