

LaTeX document for LAFF class notes

#### Homework 1.3.4: Vector Subtraction

##### Homework 1.3.4.1

For  $x \in \mathbb{R}^n$ ,  $x - x = 0$   
where 0 is the zero vector of appropriate size.

ALWAYS

##### Homework 1.3.4.2

For  $x, y \in \mathbb{R}^n$ ,  $x - y = y - x$ .

SOMETIMES