

# Homework x

Kevin Le

Wednesday 21<sup>st</sup> May, 2025

**Exercise 2.1.** Prove that if  $f: \mathbb{R}^n \rightarrow \mathbb{R}^m$  is differentiable at  $a \in \mathbb{R}^n$ , then it is continuous at  $a$ .

*Proof.*

□