Tram's Homework Template

Tram To
MATH 2834 Calculus I

April 25, 2017

1   Introduction

Here we talk about how great *MY* **WORK** is.

2   Methods

Other ways people have done this.

2.1   Advice from Advisor...

Other good things.

Theorem x.yz. Delete this text and write theorem statement here.

Proof. Blah, blah, blah. Here is an example of the `align` environment:

$$
\begin{aligned}
\sum_{i=1}^{k+1} i &= \left(\sum_{i=1}^{k} i \right) + (k+1) \\
&= \frac{k(k+1)}{2} + k + 1 && \text{(by inductive hypothesis)} \\
&= \frac{k(k+1) + 2(k+1)}{2} \\
&= \frac{(k+1)(k+2)}{2} \\
&= \frac{(k+1)((k+1)+1)}{2}.
\end{aligned}
$$

$\square$

Proposition x.yz. Let $n \in \mathbb{Z}$.

Disproof. Blah, blah, blah. I'm so smart. $\square$