

# Differential Equations Notes

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## Remarks

This notes thing was started on 10/19/2025.

I am to work through the WHOLE of the textbook (Elementary Differential Equations and Boundary Value Problems (11th ed)) by the end of this quarter (12/13/2025).

Hopefully, I'll also get around 20-40% of the problems in the textbook done.

# 1 Introduction

aka chapter 1

## 1.1 Introduction for the Introduction

**Definition** (Differential Equations). Equations containing derivatives.