Mechanics I

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1 Introduction

In this chapter we will use Newton's second law to solve different types of problems

$$\sum_i \vec{F}_i = m\vec{a}$$

We will then use numerical integration to solve harder problems. You can already install the following python libraries:

- ☒ `numpy`
- ☒ `matplotlib`

and import them in your scripts.

=== "Python" `python`   `import numpy as np`   `import matplotlib.pyplot as plt` === "Ocaml" `ocaml`   `let stdio = <void> in`   `stdio;;`