

Some Course on Something

Peleg Bar Sapir

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1 Introduction

1.1 Why are Simulations Used?

1.2 Python

1.3 A Bit About Git

1.4 Some Mathematical Background

2 Simulating Simple Mechanics

2.1 Forward Euler Method

2.2 Backward Euler Method

2.3 Verlet Integration

2.4 Runge-Kutta Method