

My first document in L<sup>A</sup>T<sub>E</sub>X

Dox Drum

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# Introduction

The harmonic oscillator is driven by the differential equation,

$$\frac{\partial^2}{\partial t^2}x(t) + \omega^2x(t) = 0 \Rightarrow x(t) = A \sin(\omega t) + B \cos(\omega t). \quad (1)$$

# Chapter 1

## Einstein

$$E = mc^2. \tag{1.1}$$

As we saw before, the mass relation (1.1), bla bla bla...

### 1.1 A list

- This got no number
- Neither does it!
  1. This is number one
  2. number two
- Another with no number