

# Chapter 1

## This is a chapter

This is some text.

### 1.1 This is section

Some more text. Will this update in the browsers? So it does update right? Hell yeah!!

### 1.2 Test to display math equation

Time evolution in Heisenberg picture (**Ehrenfest Theorem**)

$$\frac{d}{dt}\langle\hat{A}\rangle = \frac{1}{i\hbar}\langle[\hat{A}, \hat{H}]\rangle + \left\langle\frac{\partial\hat{A}}{\partial t}\right\rangle$$