Quantum Field Theory I

Thomas Brosnan

Notes taken in Professor Samson Shatashvili class, Michaelmas Term 2024

"If you can't explain it simply enough you don't understand it well enough"

- Albert Einstein

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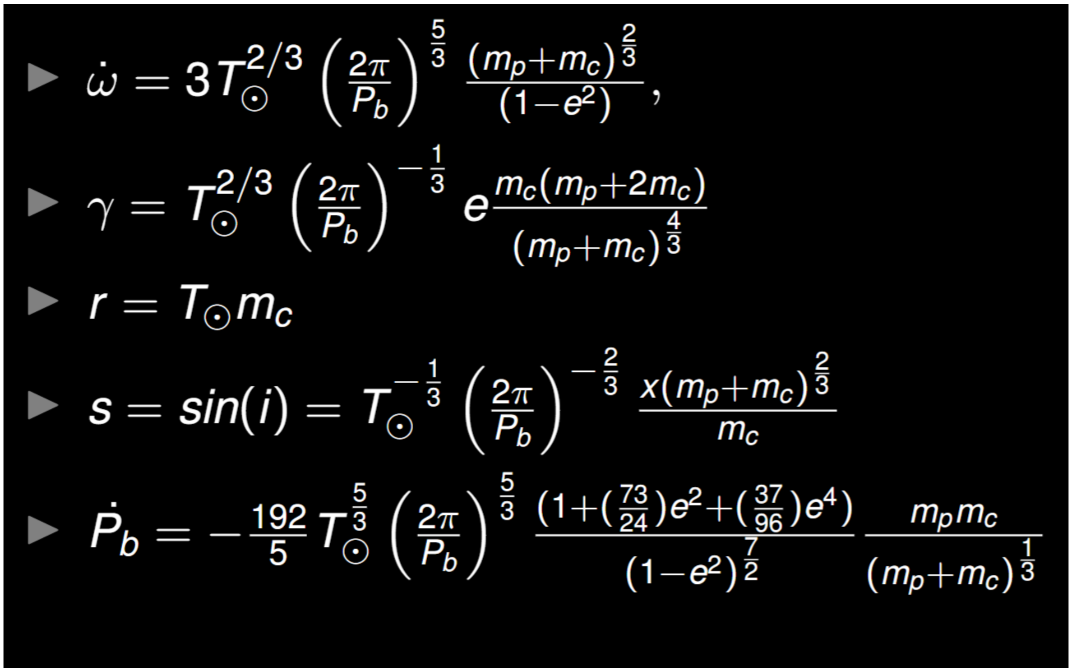

Figure 1: *Diagram of the experimental setup circuit*

1 Section

1.1 Theorem:

let A be an element of R such that:

$$\begin{aligned} c_i &= \langle\psi|\phi\rangle, \quad & c_i &= \langle\psi|\phi\rangle \\ c_i &= \langle\psi|\phi\rangle, \quad & c_i &= \langle\psi|\phi\rangle \end{aligned} \tag{1.1}$$

Then the final result is:

$$\boxed{\begin{aligned} c_i &= \langle\psi|\phi\rangle, \quad & c_i &= \langle\psi|\phi\rangle \\ c_i &= \langle\psi|\phi\rangle, \quad & c_i &= \langle\psi|\phi\rangle \end{aligned}} \tag{1.2}$$

let A be an element of such that:

$$\frac{1}{2} = 1/2 + 0 - 0 \tag{1.3}$$