

Notes Template

Thomas Brosnan

Notes template made By Thomas Brosnan*

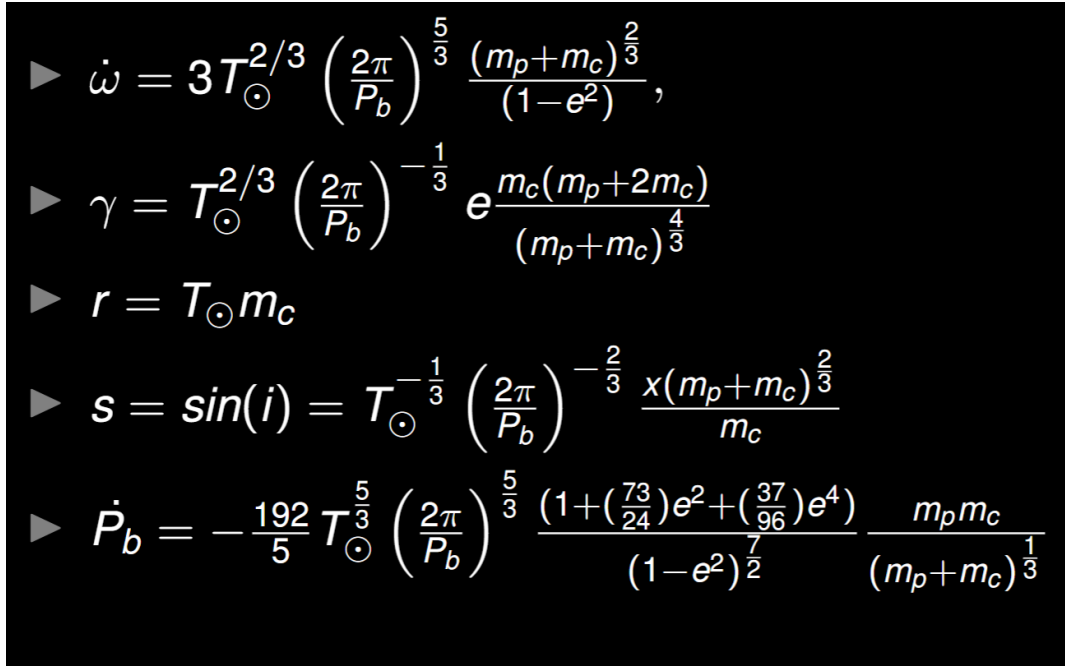
*tbrosnanted.ie

”If you can’t explain it simply enough you don’t understand it well enough”

- Albert Einstein

Contents

1	Section	4
1.1	Theorem:	4



The diagram shows five mathematical expressions, each preceded by a right-pointing triangle symbol (▶), arranged vertically on a black background. The expressions are:

- $\dot{\omega} = 3T_{\odot}^{2/3} \left(\frac{2\pi}{P_b} \right)^{\frac{5}{3}} \frac{(m_p + m_c)^{\frac{2}{3}}}{(1 - e^2)},$
- $\gamma = T_{\odot}^{2/3} \left(\frac{2\pi}{P_b} \right)^{-\frac{1}{3}} e \frac{m_c(m_p + 2m_c)}{(m_p + m_c)^{\frac{4}{3}}}$
- $r = T_{\odot} m_c$
- $s = \sin(i) = T_{\odot}^{-\frac{1}{3}} \left(\frac{2\pi}{P_b} \right)^{-\frac{2}{3}} \frac{x(m_p + m_c)^{\frac{2}{3}}}{m_c}$
- $\dot{P}_b = -\frac{192}{5} T_{\odot}^{\frac{5}{3}} \left(\frac{2\pi}{P_b} \right)^{\frac{5}{3}} \frac{(1 + (\frac{73}{24})e^2 + (\frac{37}{96})e^4)}{(1 - e^2)^{\frac{7}{2}}} \frac{m_p m_c}{(m_p + m_c)^{\frac{1}{3}}}$

Figure 1: *Diagram of the experimental setup circuit*

1 Section

1.1 Theorem:

let A be an element of R such that:

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

Then the final result is:

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

let A be an element of such that:

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

