Technical Report Writing Lab 3

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This is an inline equation $a + b = c$
This is display mode

$$a + b = c \tag{1}$$

Subscript and superscript: $a_{i,j}^{k,m} = b_i^j$
Practice: $a_1^2 + a_2^2 = a_3^2$
Practice 2: a^{4^2}
Practice 4: $\frac{numerator}{denominator}$
Practice 5:

$$\sum_{i=1}^{\infty} \frac{1}{n^s} = \prod_p \frac{1}{1 - p^{-s}} \tag{2}$$

$$\begin{aligned} \max \quad & ax^2 + 3 \tag{3}\\ \text{subject to} \quad & x \geq 1 \tag{4} \end{aligned}$$

Let us refer to 4

$$p(x) = \begin{cases} 1 \text{ when } i = 0 \\ 0 \text{ when } i \neq 0 \end{cases} \tag{5}$$