

My First L^AT_EX Document

(Your Name Here)

June 29, 2010



(Your Photo Here)

1 Introduction

1.1 About Me

In this paragraph, you should provide some background information about yourself. For example, you may wish to describe where you grew up, places you've traveled, how many siblings you have, what pets you have, where you attend school, etc.

1.2 Interests & Hobbies

- **Thing 1** Describe an interest or hobby.
- **Thing 2** Describe an interest or hobby.
 - Include a bulleted list at least two levels deep (this is a second-level bullet).
 - * This is a third-level bullet.
 - * This is a third-level bullet.
 - This is a second-level bullet.
 - * This is a third-level bullet.
 - * This is a third-level bullet.

1.3 Favorite Quotations

1. *Your favorite quote here.* - *Author*
2. *Another favorite quote here.* - *Author*

2 Mathematics

2.1 Mathematics and Me

Describe your experiences with mathematics. What do you like about mathematics? How far would you like to take your study of mathematics?

2.2 Mathematical Notation

Choose a four-digit number which you will use to practice typesetting mathematical expressions. Typeset **everything below, including all text** just as you see it, substituting your four-digit number in place of the sample number 1972 wherever it occurs (use appropriate values when simplifying the equation in 4(b)).

1. Superscripts, subscripts, and Greek letters

(a) 19^{72}

(b) $1^{9^{72}}$

(c) 19_{72}

(d) $1_{9_{72}}$

(e) 1972π

(f) $\log_{19} 72$

(g) $\ln 1972$

2. Roots, fractions, and displaystyle

(a) $\sqrt{1972}$

(b) $\sqrt[19]{72}$

(c) normal: $\frac{19}{72}$ displaystyle: $\frac{19}{72}$

(d) normal: $\frac{1}{9+\frac{7}{2}}$ displaystyle: $\frac{1}{9+\frac{7}{2}}$

(e) normal: $\sqrt{\frac{19}{72}}$ displaystyle: $\sqrt{\frac{19}{72}}$

3. Delimiters

(a) display math mode:

$$\left(1 + \frac{9}{72}\right)$$

(b) display math mode:

$$\left|\frac{1}{9} - \frac{7}{2}\right|$$

4. Tables and equation arrays

(a)
$$\frac{x}{f(x)} \begin{array}{|c|c|c|c|} \hline 1 & 2 & 3 & 4 \\ \hline 1 & 9 & 7 & 2 \\ \hline \end{array}$$

(b)

$$1 + 9 - 7 * 2 = x \tag{1}$$

$$1 + 9 - 14 = x \tag{2}$$

$$10 - 14 = x \tag{3}$$

$$x = -4 \tag{4}$$

****THE END****