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This is my LATEX practice

Me

March 28, 2015

Part I

part1

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua.

1 section1

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1.1 Subsection1

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1.1.1 subsubsection1

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subpara1 Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua.

text

2 Intro

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3 Math

3.1 superscripts

 $2x^3$

 $2x^{34}$

 $2x^{3x+4}$

 $2x^{3x^4+5}$

3.2 subscripts

 x_1

 x_{12}

 x_{12}

3.3 greek letters

 $\pi\alpha$

$$A = \pi r^2$$

3.4 trig functions

$$y = \sin x$$

3.5 log functions

$$\log_5 x$$

 $\ln x$

3.6 square roots

 $\sqrt[3]{15}$

About $\frac{1}{3}$ of the glass is full.

$$\frac{x}{x^2+x+1}$$

$$\frac{\sqrt{x+1}}{\sqrt{x-1}}$$

x	1	2	3	4	5
f(x)	10	11	12	13	14

$$5x^-9 = x+3$$
 (1)

$$4x^2 = 12 (2)$$

$$x^3 = 3 (3)$$

$$x \approx \pm 1.732 \tag{4}$$

$$x = 4 \tag{5}$$

4 Lists

- 1. pencil
- 2. calculator
- 3. ruler
- 4. notebook
 - (a) assessments
 - i. tests
 - A. bla
 - ii. quizzes
 - (b) homework
 - (c) notes
- 5. graph paper

- pencil
- calculator
- ruler
- notebook
 - assessments
 - * tests
 - · bla
 - * quizzes
 - homework
 - notes
- graph paper

Commutative a + b = b + a

Assosiative
$$a + (b + c) = (a + b) + c$$

Distributive
$$a(b+c) = ab + ac$$

5 Style

This will produce italicized text.

This will produce **bold-faced** text.

This will produce SMALL CAPS text.

This will produce typewriter text.

Please excuse my dear aunt Sally.

This is centered.

This is left aligned.

This is right aligned.