

# July2023 CSE300 Week10 Online Evaluation

Md. Emamul Haque Pranta

February 6, 2024

## Contents

<b>1</b>	<b>RISC Architecture</b>	<b>2</b>
<b>2</b>	<b>Tables in <math>\text{\LaTeX}</math></b>	<b>2</b>
<b>3</b>	<b>Writing Equations in Latex</b>	<b>3</b>

# 1 RISC Architecture



Figure 1: RISC Architecture

# 2 Tables in L<sup>A</sup>T<sub>E</sub>X

numeric literals	integers	in decimal	8743
		in octal	0o7464
			00103
		in hexadecimal	0x5A0FF
			0xE0F2
	fractionals	in decimal	140.58
			8.04e7
			0.347E+12
			5.47E-12
			47e22

Table 1: A table in L<sup>A</sup>T<sub>E</sub>X

Table 1 shows a table that contains cells spanning multiple columns and multiple rows.  
[2]

### 3 Writing Equations in Latex

$$L_{split} = \frac{1}{2} \left[ \frac{G_L^2}{H_L + \lambda} + \frac{G_R^2}{H_R + \lambda} - \frac{(G_L + G_R)^2}{H_L + H_R + \lambda} \right] - \gamma \quad (1)$$

Equation 1 has been displayed above.[1]

### Untitled Section

You need to display this section in your output PDF file. This section contains information that may help you prepare the bibliography section. By the way, this section **will not show up** in the table of contents.

#### 1. Citation about the Greedy Forest Article

- **Authors:** T. Zhang, R. Johnson
- **Title:** Learning nonlinear functions using regularized greedy forest
- **Year:** 2014
- **Journal:** IEEE Transactions on Pattern Analysis and Machine Intelligence

#### 2. Citation about the Random Forest Article

- **Author:** L. Breiman
- **Title:** Random Forests
- **Journal:** Machine Learning
- **Year:** 2001

### References

- [1] L. Breiman. Random forests. *Maching Learning*, 2001.
- [2] T. Zhang and R. Johnson. Learning nonlinear functions using regularized greedy forest. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 2014.