July2023 CSE300 Week10 Online Evaluation

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Contents

1 RISC Architecture

Figure 1: RISC Architecture

2 Tables in LaTeX

numeric literals			
	integers	in decimal	8743
		in octal	0o7464
			0O103
		in hexadecimal	0x5A0FF
			0xE0F2
	fractionals	in decimal	140.58
			140.58
			8.04e7
			0.347E+12
			5.47E-12
			47e22

Table 1: A table in LaTeX

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

3 Writing Equations in Latex

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

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
    - **Publisher:** Morgan Kaufmann
    - **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. *Machine Learning*, 2001.

[2] R. Johnson T. Zhang. Learning nonlinear functions using regularized greedy forest. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 2014.