ECE750 Report

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Abstract

Lecture abstract section.

1 Introduction

2 doc

Here is an inline equation $a = b$. Below is not inline equation, but only one line.

$$a = b = c.f(x) = x_{\Delta}^{2} + \gamma.f(x) = \frac{numerators}{denominators}$$

Below is multiple-line equations as 1.

$$f(x) = \left(\sum_{a}^{b} a + b \right) x = \sin(x) \tag{1}$$

Below is an example of alignment.

$$f(x) = x + 5 \tag{2}$$
$$y = y - 8 \tag{3}$$

Below is a table.

Table 1: HiPs tree lengthscales and timescales.

Level	Length scale	Time scales
0	L_0	τ_0
1	$L_9/2$	$\tau_0/2^{2/3}$
2	$L_0/4$	$\tau_0/4^{2/3}$
...	...	...

Below is a fiture.

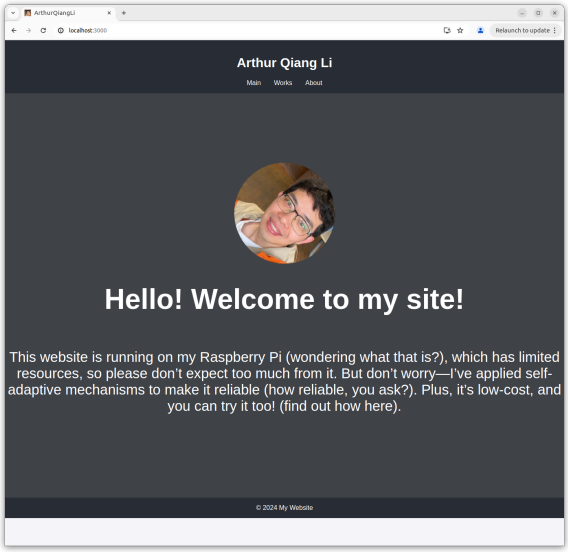

Figure 1: the name of this fiture.

3 Methods

3.1 Numerics

what ever content. As shown in Section 1, this is the cite at [1, 2] end.

References

[1] PD.0. Lignel, J. H. Chen, P. J. Smith, T. Lu, and C. K. Law. The effect of Flame structure on soot formation and transport in turbulent nonpremixed flames using direct numerical simulation. *Combustion and Flame*, 2007.

[2] H. backhorn. *Soot formation in combustion.* Springer-Verlag, Heidelberg, Germany, 1994.