The title of my LaTeX. We might need to `\maketitle` after this

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Abstract

This is my abstract. I will provide a brief overview of the purpose of this article and highlight some critical results.

1 Introduction

This my first introduction. I will talk about stuff here and mostly quote other people's work. For example in [Iijima(1991)] the authors found that all previous work before their article was not important.

2 Some math

This is my equation. I shall make sure that every time I quote that equation I reference the label of the unique label I provide. In this case, the expression referenced by Equation 1 represents the mixed form of the Einstein field equations:

$$8\pi(T^{\mu}_{\nu} - \frac{1}{2}\delta^{\mu}_{\nu}T) = R^{\mu}_{\nu} \tag{1}$$

3 Some data

I will put some data in a table and reference it as Table 1. There are 4 columns with values. Nobody really reads them besides the graduate student at another school that has to reproduce the values quoted.

4 Some results

I will put in here some results with figure. The results are in a png file named, myfigure.png and it is referenced as Figure 1. It is uploaded in Overleaf by going PROJECT - upper left corner ad then upload from the Computer in the Files tab.

Table 1: This is my table. Greek letters typically are spelled out and prepended by a backward slash

Initial Mass	Reduced Mass	log ϵ_{nuc}	X_H	Binding Energy	$log\rho$
10	9.8	0.183	0.199	0.288	0.239
12	11.7	0.205	0.223	0.308	0.265
14	13.6	0.230	0.246	0.291	0.268

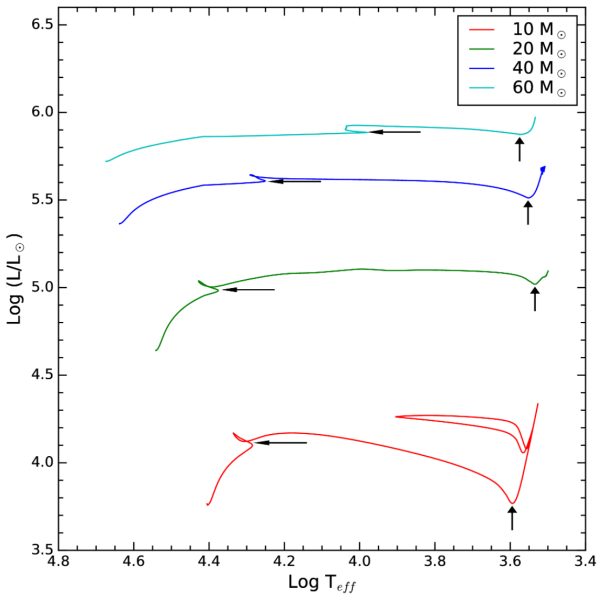

Figure 1: This is my figure that I imported. The effective temperature is marked with a subscript as $LogT_{eff}$. It is a logarithmic axis therefore the effective temperature is in the range of $10^{3.4} - 10^{4.8}\ ^oK$.

This work compares well with the results in [Iijima(1991)] which makes it important.

References

[Iijima(1991)] S. Iijima, Nature **354**, 56 (1991).