

TITLE OF THE THESIS

by

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Abstract

This thesis vastly improved the knowledge of humanity, while revolutionising several fields in the meantime.

Dedication

To Alejandro Vigna-Gómez and James William Makepeace Barrett III.

Acknowledgements

“Cheesy quote.”

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Chapter 1

Introduction

For a circular orbit, we can equate the centripetal force $F_{c,i} = m_i r_i \dot{\theta}^2$ to the gravitational force $F_g = Gm_1 m_2 / r^2$, and solve for $\dot{\theta}^2$ in order to derive Kepler's Third Law in the form

$$\dot{\theta}^2 = \frac{GM}{r^3}. \tag{1.1}$$

Equation 1.1 is Kepler's Third Law.

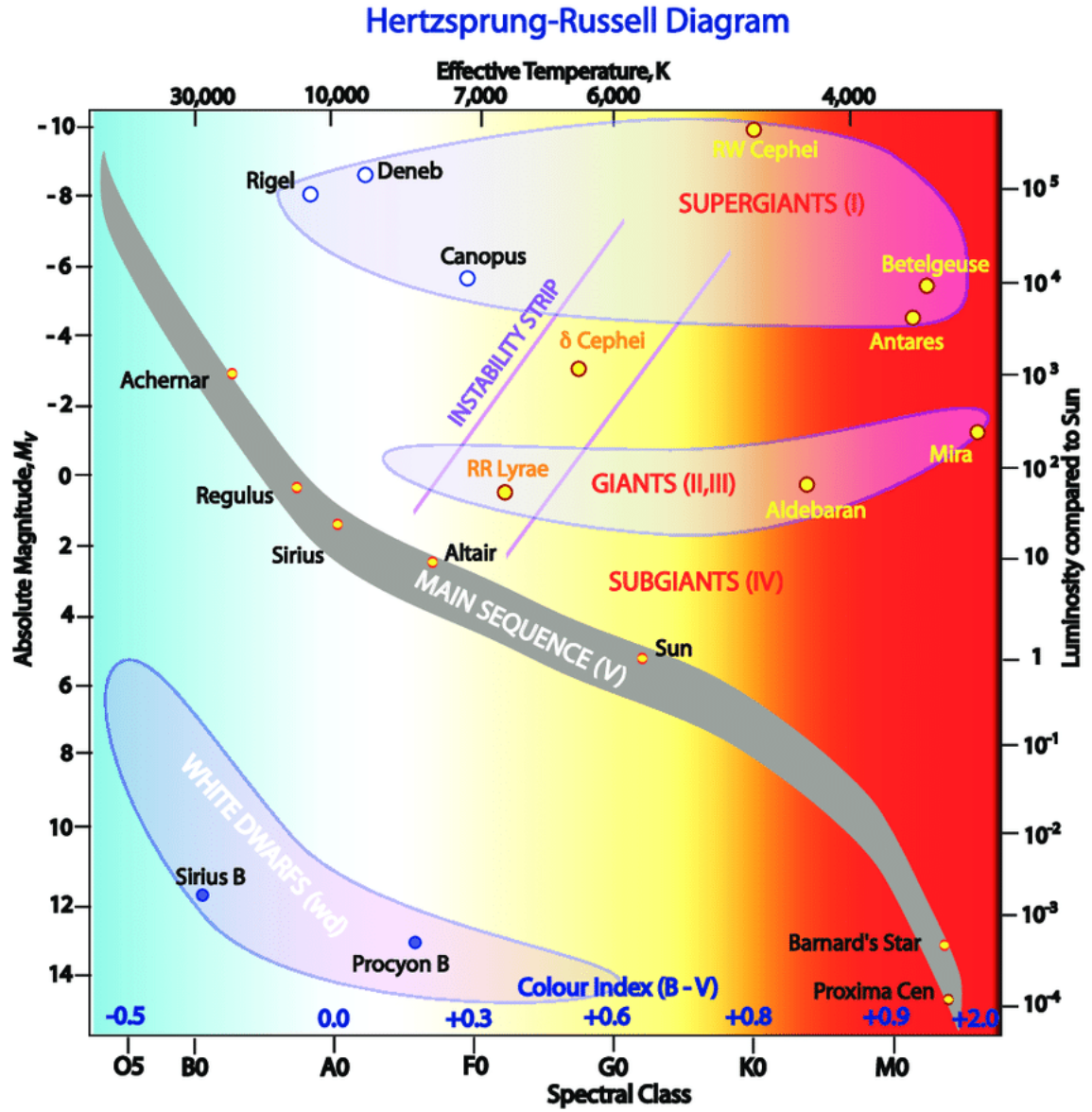


Figure 1.1: Hertzsprung-Russell (HR) diagram as shown in figure 1 of (author?) [1].

Chapter 2

Paper I

2.1 Introduction

Section. Introduction of the topic of interest.

2.1.1 Population Synthesis

Subsection.

Rapid Population Synthesis

Subsubsection.

Table 2.1: “Measured parameters of the Galactic double neutron stars (DNSs) used as a diagnosis in this study. ... References: ^a(author?) [2].” Table extract as presented in (author?) 3

Pulsar	P [days]	e	M_{plsr} [$M_{\odot}$]	M_{cmpn} [$M_{\odot}$]	Ref
J0453 + 1559	4.072	0.113	1.559	1.174	a

Chapter 3

Conclusions

In this work we have unified physics.

Appendix A

First Appendix

Things that didn't make it to the main text.

Bibliography

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