

Department of Physics and Astronomy
University of Heidelberg

Bachelor Thesis in Physics
submitted by Sophia Milanov

XYZ

born in Düsseldorf (Germany)

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About ...

This Bachelor Thesis has been carried out by Sophia Milanov at the
Max Planck Institute for Astronomy in Heidelberg
under the supervision of
Dr. Glenn van de Ven

Abstract

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

This is the second paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

And after the second paragraph follows the third paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

After this fourth paragraph, we start a new paragraph sequence. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

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Contents

I. Introduction 6

1. What is a globular cluster in the Milky Way? 6

2. Poisson’s equation 6

3. Models of globular clusters 6

 3.1. CMD 6

 3.2. Velocity dispersion 6

 3.3. Density profile 6

 3.4. Potential 6

4. Orbits 6

II. Analysis 8

III. Discussion 9

Part I.

Introduction

1. What is a globular cluster in the Milky Way?

150 of them

kugelförmige anordnung von Sternen 10^{**6} bis 10^{**8}

große frage: IMBHs ja/nein

2. Poisson's equation

3. Models of globular clusters

3.1. CMD

color magnitude diagram aussage

alter

metallicity

star formation

3.2. Velocity dispersion

aussage

plots

erklärung physikalisch

3.3. Density profile

plots

bestätigung kugelförmig

potential daraus

3.4. Potential

4. Orbits

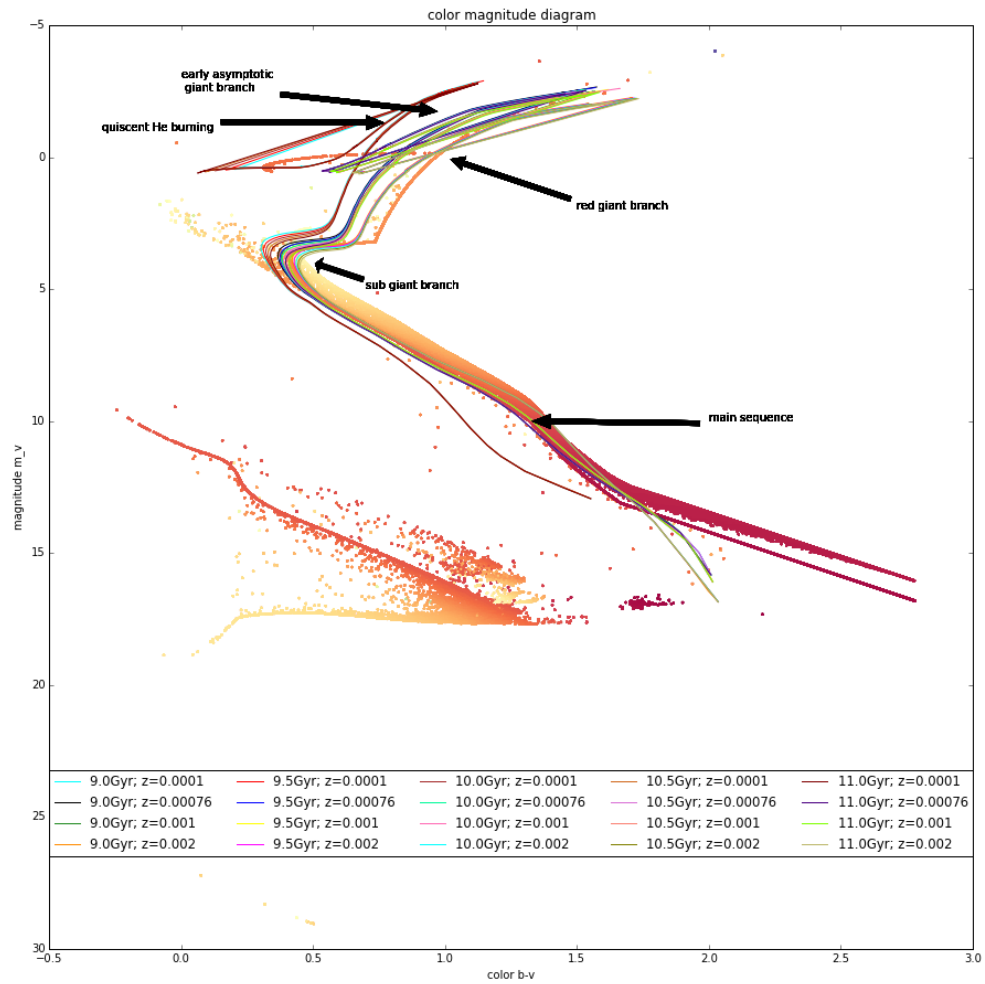


Figure 1: cmd isochrones

Part II.

Analysis

Part III.

Discussion