

LEIDEN UNIVERSITY

Study of BCG-Substracted Images of Nearby Clusters

by

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Abstract

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The mt all.

Acknowledgements

I would like to thank my advisor king on...

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Dedicated to my parents, whose love and support are my biggest motivation. . .

Introduction

Old

Theoretical Framework

Typ old globular clusters as a whole and then focus explicitly to this Globular Cluster.

2.1 Basics of Globular Clusters

Glas.

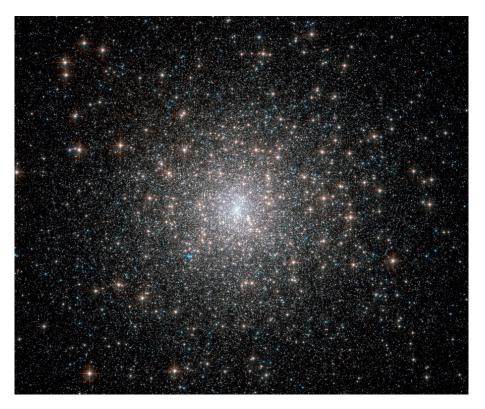


FIGURE 2.1: GlobulASA

$$I(R)\sigma_p^2(R) = \frac{2}{\Gamma} \int_R^{\infty} \left(1 - \beta \frac{R^2}{r^2}\right) \frac{\nu \bar{v_r^2} r dr}{\sqrt{r^2 - R^2}}$$
 (2.1)

Whuster.

Observations and Analysis

In er.

Modelling

We used various techniques for the mass modelling of ω Centauri, so that we could make a good approximation to its dynamic and stellar mass. In order to do this, we decided to use two components (the stellar and dark matter mass) both following the functional form of the Hernquist profile. In this chapter we present the results of such modelling and hapter.

Conclusions

Thes.

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