Title

Master's thesis
University of Turku
Physics
2021
B.Sc. Susan Student
Examiners:
Prof. P.P.
Dr. H.H.

The originality of this thesis has been checked in accordance with the University of Turku quality assurance system using Turnitin Originality Check service.

UNIVERSITY OF TURKU
Department of Physics and Astronomy

Student, Susan Title of thesis

Master's thesis, 3 pp.
Physics
April 2021

Synopsis here!

Keywords: keyword1, keyword2

Contents

Preface **1**

1 Theory **2**

Preface

When writing your thesis, remember these basic rules:

1. All figures must be referenced in the text, e.g. "One can see from figure 1, that referencing to figures in latex is easy".

2. Figures and tables belong to the top of the page. Latex does this automatically.

3. Figures should be reasonably compact, so that its area is fully used.

4. Captions should include enough information to understand the respective figure/table without reading the text. Abbreviations and physical quantities are to be expressed. This improves accessibility. Latex does not support alternative texts as of now.

5. Remember to reference when taking a figure from a source. Theses go to a public digital archive: remember copyright!

6. Introduce all abbreviations when first using them: e.g. astronomical unit (AU)

7. If you have to come up with an original translation for a word, add the original word after first usage of your translation. For example: "braking radiation" (Bremsstrahlung).

8. Physical quantities are written in italic, e.g $\rho = m/V$. Units are written in roman, e.g. 1 m^2. Vectors are written in bold italic, e.g. $\boldsymbol{v}$.

9. Equations are part of the text, commas and periods belong in the equations. Continue with a lower case letter after comma. Don't add an empty line after an equation.

10. Introduce all physical quantities after an equation. For example, Newton's second law is

$$\boldsymbol{F} = m\boldsymbol{a}, \tag{1}$$

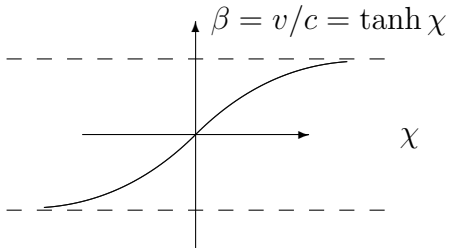

Figure 1. Hyperbolic tangent function approaches asymptotically the values ± 1

where $\boldsymbol{F}$ is the force acting on an object, m is the mass of an object, and $\boldsymbol{a}$ is the acceleration of that object. For Greek letter vectors, use the boldsymbol command: $\boldsymbol{\omega}$.

11. If all of the information in a paragraph comes from a singular source, then the citation belongs in the end of the paragraph, after the period. In all other cases the reference belongs before the period. Remember to cite your source every time you introduce numerical values or exact information to the text.

1 Theory

References

[1] T. Oetiker, H. Partl, I. Hyna and E. Schlegl, Not so short introduction to LaTeX2e, 1998