PhD Thesis

PhD Thesis
this is a subtitle

by Oliver Matonoha

LUND
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Thesis for the degree of Doctorate
Thesis advisors: Prof. Doktor Professorsson, Prof. Knirk Gnork
Faculty opponent: Prof. Gammal och Grå

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Author(s) Oliver Matonoha	

Title and subtitle
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Abstract
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quantum chromodynamics, quark-gluon plasma

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In the latter case the thesis consists of two parts. An introductory text puts the research work into context and summarizes the main points of the papers. Then, the research publications themselves are reproduced, together with a description of the individual contributions of the authors. The research papers may either have been already published or are manuscripts at various stages (in press, submitted, or in draft).

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Dedicated to
Humpty – Dumpty
bla bla blat

Contents

List of publications

This thesis is based on the following publications, referred to by their Roman numerals:

I **Title paper 1**

S. Doctor, B. Someone
The Journal of Physical Chemistry A, 2020, 124(19), pp. 3943-3946

II **Title paper 2**

S. Doctor, B. Someone, C Another
Physical Chemistry Chemical Physics, 2020, 22(24), pp. 13659-13665

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Acknowledgements

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Chapter 1

Introduction to quantum chromodynamics

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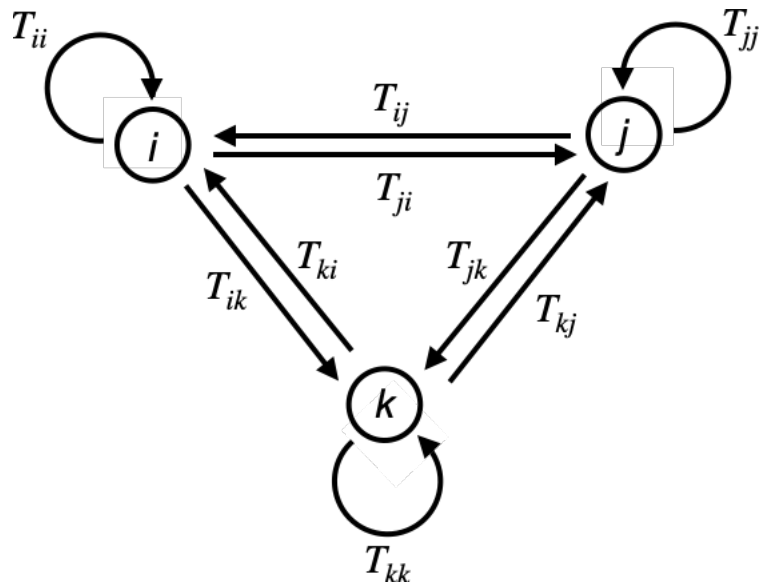


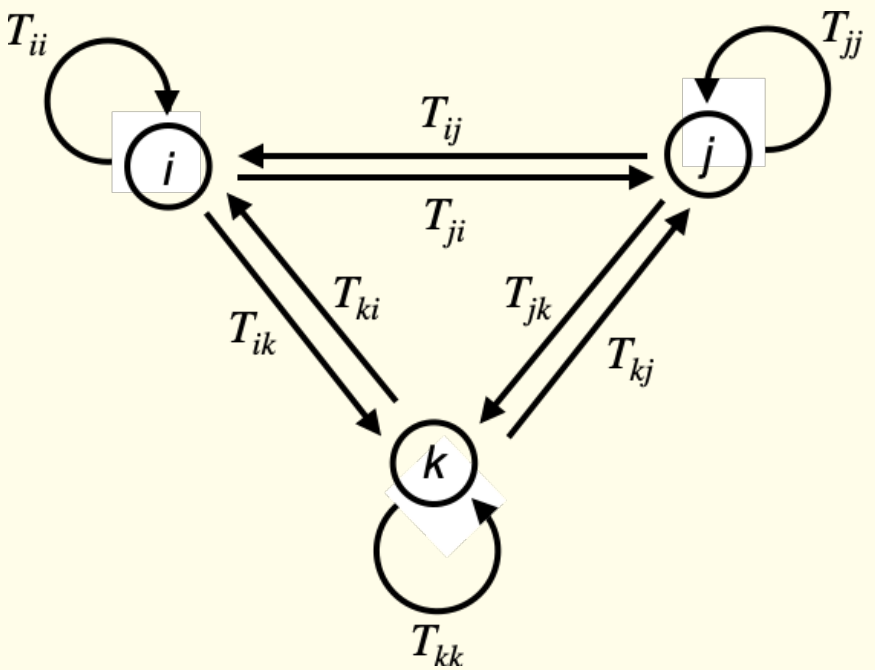
Figure 1.1: Caption

Chapter 2

Collisions of particles at high energies

example 1: Title of Example

Hi, i am a yellow example



In example 2

The important concept

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Chapter 3

QCD phenomena in high energy collisions

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Scientific publications

Author contributions

Paper I: Title paper 1

I participated in developing the theory and wrote the simulation software. I participated in writing the manuscript.

Paper II: Title paper 2

I participated in developing the theory and writing simulation software. I participated in writing the manuscript.

Paper I

S. Doctor and B. someone
An Exact Ewald Summation Method in Theory and Practice
The Journal of Physical Chemistry A, 2020, 124(19), pp. 3943-3946
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Paper II

S. Doctor, B. someone, C. another and D. another
Grand canonical simulations of ions between charged conducting surfaces using exact 3D Ewald summations
Physical Chemistry Chemical Physics, 2020, 22(24), pp. 13659-13665

Hello, I am another article

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