

# Studies of phase transitions in magnetic systems

Vegard Falm r and Sigurd S rlie Rustad



University of Oslo  
Norway  
November 20, 2020

## CONTENTS

I. Introduction	1
II. Theory	1
Analytical expressions for a simple 2x2 lattice	1
III. Methods	1
IV. Results	1
V. Discussion	1
References	1

## I. INTRODUCTION

## II. THEORY

Analytical expressions for a simple 2x2 lattice

## III. METHODS

## IV. RESULTS

## V. DISCUSSION

- 
- [1] Department of Physics, Univeristy of Oslo, Fall semester 2020, Computational Physics I FYS3150/FYS4150, Project 3.  
[2] Ryan S. Park, Alan B. Chamberlin, NASA, 27. October 2020, <https://ssd.jpl.nasa.gov/horizons.cgi#top>.