

Project 3

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October 24, 2019

Abstract

1 Introduction

2 Theory

2.1 Ising model

The Ising model is applied for the study of phase transistions at finite temperatures for magnetic systems. Energy is expressed as:

$$E = -J \sum_{\langle kl \rangle}^N s_k s_l - B$$

(1)

3 Results

4 Discussion

5 Conclusion