Advanced Monte Carlo: Ising Model

Jacob Calcutt,

Gregorio Ponti,

Physics 480,

Computational Physics,

Spring 2015

Michigan State University

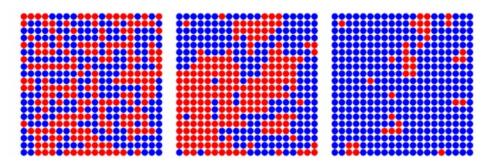
March 16, 2015

Contents

1 Introduction

1.1 Ising Model

Figure 1: Sample of the vis we want



- 2 Methods
- 2.1 Initialization
- 2.2 Wolff Algorithm

3 Results

4 References

References

[1] Thijssen, J. M. Computational Physics. Ch. 8. Cambridge University Press. 1999. Print.