

Modelling and Simulation

Practical Assignment 2: Percolation

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1. INTRODUCTION

Iets over de toepassingen van dit model,
bosbranden enzo

Wat gaan we doen in dit papers

2. EXPERIMENTS

Inleiding in experiment

2.1. MODEL

Pseudo code

Iets over de exacte stopconditie

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2.2. PROBABILITY

Discuss cluster size statistics, mean cluster
size M and sd as a function p for finite
clusters

Determine some vague fraction

2.3. SYSTEM SIZE

How do the results change when the sys-
tem size changes. Experiment with differ-
ent lattice sizes

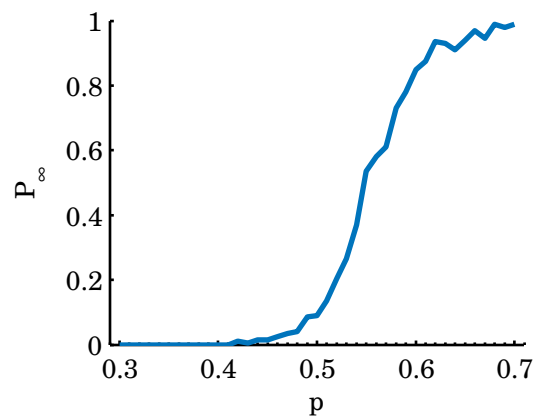


Figure 2: Caption here

Wat could the behavior be in the limit of
infinite lattice sizes

2.4. FRACTAL DIMENSION

Bonus: Determine the fractal dimension of
finite clusters as a function of p .

2.5. CONNECTIVITY

Present mask used previously, and 8-
connected mask

How does the connectivity influence the
final cluster

3. CONCLUSION

Vat bevindingen van experiment samen

*These authors contributed equally to this work.

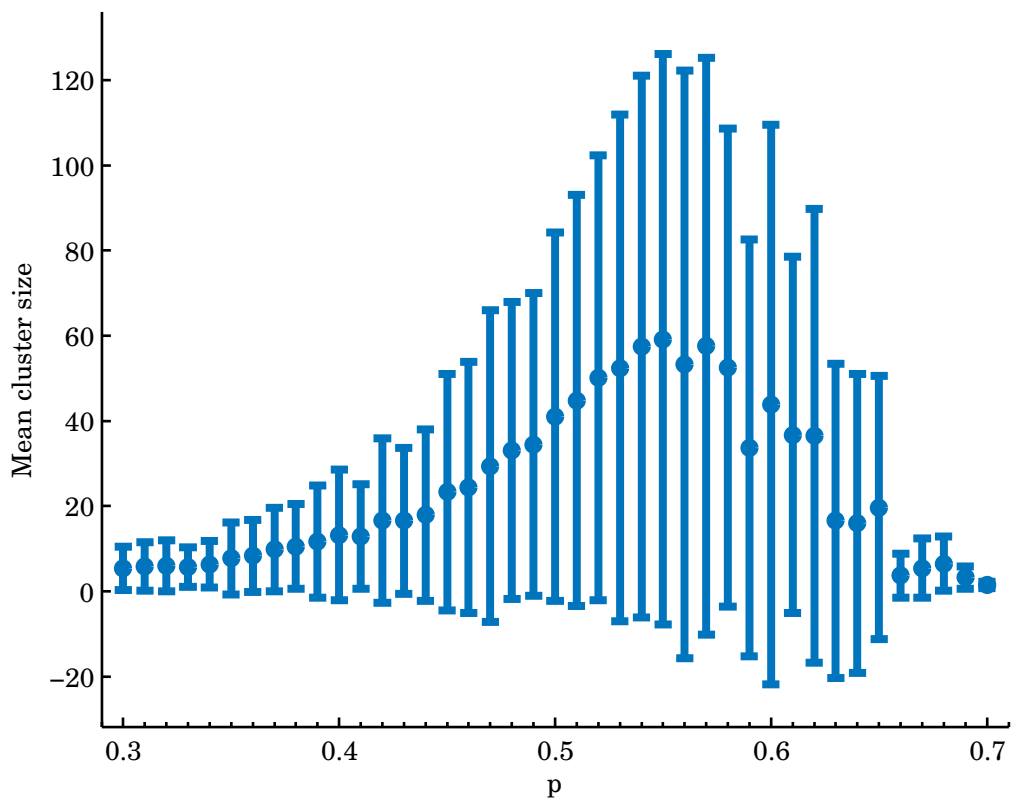


Figure 1: *Caption here*