Modelling and Simulation
Practical Assignment 2: Percolation

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1. INTRODUCTION

Iets over de toepassingen van dit model, bosbranden enzo

In

2. METHOD

Inleiding in experiment

Pseudo code

Iets over de exacte stopconditie

3. EXPERIMENTS

Inleiding in experiment

3.1. PROBABILITY

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

Determine some vague fraction

3.2. SYSTEM SIZE

How do the results change when the system size changes. Experiment with different latice sizes

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

3.3. FRACTAL DIMENSION

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

3.4. CONNECTIVITY

Present mask used previously, and 8-connected mask

How does the connectivity influence the final cluster

4. CONCLUSION

Vat bevindingen van experiment samen

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*These authors contributed equally to this work.

Figure 1: *Caption here*

Figure 2: *Caption here*