Project 1: Cellular Automata

Introduction

Model Assumptions

Results

Conclusion

Project 2: Ising Model

Introduction

Model Assumptions

Results

Conclusion

Summary Paper

A continuum approximation to an off-lattice individualcell based model of cell migration and adhesion [1]

Introduction

Summary

Results

Conclusion

References

[1] Alistair M Middleton, Christian Fleck, and Ramon Grima. "A continuum approximation to an off-lattice individual-cell based model of cell migration and adhesion". In:

Journal of Theoretical Biology 359 (2014), pp. 220-232. ISSN: 00225193. DOI: 10.1016/j.jtbi.2014.06.011. URL: http://dx.doi.org/10.1016/j.jtbi.2014.06.
011https://linkinghub.elsevier.com/retrieve/pii/S0022519314003543.