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## Growth-induced self-organization in bacterial colonies

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# Growth-Induced Self-Organization in Bacterial Colonies

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The cover shows a growing bacterial colony seeded from a single bacterium as an expanding universe. The number of cells are, from left to right:  $2^1$ ,  $2^3$ ,  $2^5$ ,  $2^7$ ,  $2^9$ , and  $2^{11}$ . Cells are color-coded by their orientations. The white lines indicate the exponential expansion of the periphery of the colony.

*To My Family and Archimedes*



# Contents

|          |  |            |
|----------|--|------------|
| <b>1</b> | <b>Introductions</b>   | <b>1</b>   |
| 1.1      | Mechanics of cellular systems . . . . .                        | 1          |
| 1.2      | Mechanics driven self-organization in bacterial colonies . . . | 4          |
| 1.3      | Outline of the thesis . . . . .                                | 11         |
| <b>2</b> | <b>Models</b>  | <b>15</b>  |
| 2.1      | Discrete model . . . . .                                       | 15         |
| 2.2      | Continuum theory . . . . .                                     | 18         |
| <b>3</b> | <b>Geometry and mechanics of freely expanding colonies</b>     | <b>23</b>  |
| 3.1      | Stochastic geometry . . . . .                                  | 24         |
| 3.2      | Mechanics . . . . .  | 30         |
| 3.3      | Continuum theory . . . . .                                     | 36         |
| 3.4      | Experiment on <i>E. Coli</i> microcolony . . . . .             | 41         |
| 3.5      | Discussion and conclusion . . . . .                            | 46         |
| <b>4</b> | <b>Confinement-induced self-organization</b>                   | <b>49</b>  |
| 4.1      | Phenomena . . . . .  | 52         |
| 4.2      | Stress anisotropy drives cell alignment . . . . .              | 59         |
| 4.3      | Discussion and conclusion . . . . .                            | 70         |
| <b>5</b> | <b>Mono-to-multilayer transition</b>                           | <b>75</b>  |
| 5.1      | Simplified hard-rod model . . . . .                            | 76         |
| 5.2      | Mechanics of mono-to-multilayer transition . . . . .           | 78         |
| 5.3      | Stochastic theory . . . . .                                    | 79         |
| 5.4      | Discussion and conclusion . . . . .                            | 90         |
| <b>6</b> | <b>Conclusion and outlook</b>                                  | <b>93</b>  |
|          | <b>Bibliography</b>  | <b>95</b>  |
|          | <b>Samenvatting</b>  | <b>109</b> |
|          | <b>Curriculum Vitæ</b>   | <b>113</b> |

|                             |            |
|-----------------------------|------------|
| <b>List of Publications</b> | <b>115</b> |
| <b>Acknowledgments</b>      | <b>117</b> |