Pattern Generation in Natural Systems

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1 Introduction

This is chapter 1!

2 Lit Review (maybe rename?)

chapter 7, p104 talks about complexity

3 Requirements and Analysis

4 Design and Testing

5 Results and Discussion

6 Conclusions

7 Appendices

7.1 Appendix A

```python
def product(param_list, param_set):
    for val in param_list[0][1]:
        # set the value of the first parameter
        param_set[param_list[0][0]] = val
        # if this isn't the last parameter, recurse
        if len(param_list) is not 1:
            for prod in product(param_list[1:], param_set):
                yield prod
        # else we have a complete parameter set and can yield it
        else:
            yield param_set
```