



Master's study

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Contents

1	Introduction	5
2	Mathematical models	6
2.1	A model with a single firm	6
2.2	A model with two firms	6
3	Implementation of mathematical models	7
4	Simulation results	8
4.1	Simulations for a single firm	8
4.2	Simulations for two firms	8
5	Conclusions	9
List of tables		10
List of figures		11
Streszczenie		12

1 Introduction

Here we have to introduce the topic, explain why the topic is interesting and how it is connected with the theoretical economics and also we need to do the literature review.

2 Mathematical models

Here we give mathematical formulation of all models, but also for every model we numerically solve the model for some selected values of initial and exogenous parameters. We need to make those variables exactly the same as the one we take for simulations so that we can compare the results.

2.1 A model with a single firm

2.2 A model with two firms

3 Implementation of mathematical models

In this chapter we describe how we implemented the above mathematical models. So we do not give here any results, we just describe how we implement a consumer, how we implement a firm, what is an algorithm of the behavior of the firms, and so on and so forth.

4 Simulation results

We show the results of simulations for various initial and exogenous parameters.

4.1 Simulations for a single firm

4.2 Simulations for two firms

5 Conclusions

List of Tables

List of Figures

Streszczenie

Tutaj zamieszczają Państwo streszczenie pracy. Streszczenie powinno być długości około pół strony.