



Master's study

Field of study: Advanced Analytics – Big Data

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Simulating firm's decisions in the incomplete information market

Master's thesis under the scientific supervision of
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written in

Institute of Mathematical Economics

Warsaw 2026

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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

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Streszczenie

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