Literature Review: Real-Time Dynamic Pricing for Multiproduct Models with Time-Dependent Customer Arrival Rates

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Given a directed graph G without multiple edges, we introduce a biology-inspired statistical model, the *McCulloch-Pitts process (MPP)*, for recurrent neural networks. We associate a toric variety to such a model and compute its Hilbert polynomial in a special case.

1 Introduction

Introduction to talk about what we have learnt in class (Single Product DP) and how the model in the paper we have chosen is a generalizing from single to multi-products

2 Related Work

Optional, we might like to discuss other papers that might be related to the paper we are looking at, e.g. the 1997 paper Yiwei told us to look at.

3 Multinomial Logit Model

The model of course.

4 Experiments

If we manage to find time to run any experiments

5 Discussions

This is where we can add our comments and our inputs, how the model can be further improved or how we can find estimates for the solution.

6 Conclusions

Closing conclusions, futher areas that can be explored and research opportunities (for Yiwei only haha).