Numerical Mathematics and Applied Analysis Group Seminar (NMAA)

A probabilistic model for learning labeled ordered trees

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in Room 517, Meng Wah Complex

Abstract

We proposed a probabilistic model to learn from labeled ordered trees such as XML texts and carbohydrate sugar chains, and further present an efficient learning algorithm based on the EM algorithms. We also show experimental results with synthetic and real data sets. In the experiments, the proposed model outperformed in classification other simpler probabilistic models for labeled ordered trees.

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All are welcome

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For enquiries, please call 2859 2255.