Abstract

In the era of Information Technology, information flow has been enormously increased. Data mining techniques are widely used and accepted to retrieve information from various data. Cellular automata based techniques have been extensively reported in complex adaptive system. In this we present a survey of cellular automata as classifier.
A Study and Analysis on Cellular Automata based Classifier in Data Mining

- M. Abedini and M. Kirley, "Guided Rule Discovery in XCS for High-dimensional Classification Problems," Engineering.
- P. Sarkar, "A brief history of cellular automata," ACM Computing Surveys,
A Study and Analysis on Cellular Automata based Classifier in Data Mining

- P. S. Albin, "Rationality?:"
- "What is Pattern Recognition??," vol. 25, no. 1, 2003.
- "NP-complete problems," Search.
- G. Guo, H. Wang, D. Bell, Y. Bi, and K. Greer, "KNN Model-Based Approach in Classification," Idea.
- J. A. Gamez and P. Puerta, Jose MBermejo, "Improving KNN-based e-mail classification into folders generating class-balanced datasets," pp. 529-536, 2008.
- A. D. Lattner, "Instance-Based Learning and Information Extraction for the

**Index Terms**

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**Keywords**

Cellular Automata   Data Mining   Classifier