Abstract

Text classification gains lot of significance in the current scenario of processing and retrieval of text. Several algorithms are suggested for the text classification problem. This paper provides the solution by Back propagation network. The backpropagation network algorithm is adapted for the text classification. Before providing the algorithm the techniques used for feature identification is also discussed.

Reference

- Automatic Text Categorization: Case Study, Renato Fernandes Corrêa, Teresa Bernarda Ludermir, Centro Informática da UFPE, Proceedings of the VII Brazilian Symposium on Neural Networks (SBRN'02),© 2002 IEEE.

**Index Terms**

Computer Science  
Pattern Recognition

**Key words**

Stoplist  
Morphological variants  
Training  
Affix Removal Stemmers