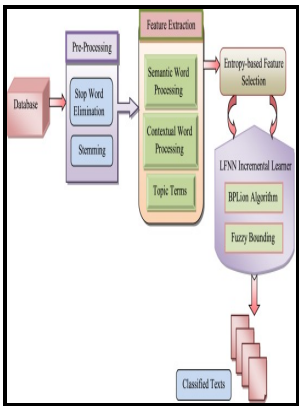
Fuzzy neural networks for classification problems with uncertain data imput

- - Fuzzy neural networks for classification problems with uncertain data input.



Description: -
-Fuzzy neural networks for classification problems with uncertain data imput
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Notes: Thesis(Ph.D.) - University of Surrey, 1996.
This edition was published in 1996

Filesize: 25.24 MB

Tags: #Neural #network

CiteSeerX — Neural Networks for Soft Decision Making

. General Fuzzy Cerebellar Model Neural Network Multidimensional Classifier In most cases, a cerebellar model neural network is applied without fuzzy rules.

Uncertainty estimation using fuzzy measures for multiclass classification

He is also an author of 15 research monographs. We want to offer an opportunity for researchers and practitioners to identify new promising research directions in this area.

UNN: A Neural Network for Uncertain Data Classification

Product Configuration The manufacturing trend toward mass customization has awakened great interest in automatic product configuration techniques.

A comparative study of general fuzzy min

In: Fuzzy Information Processing Society NAFIPS , 2010 Annual Meeting of the North American. The HFNS is successfully applied to the classification of anomalous electrocardiogram patterns in a selected record of the MIT-BIT ECG Database with classification rates up to 98%. In the last few years, many software tools have been developed for Soft Computing.

British Library EThOS: Fuzzy neural networks for classification problems with uncertain data input

To our knowledge, this is so far the most comprehensive overview on the connections between fuzzy systems and other popular machine learning approaches, and hopefully will stimulate more hybridization between different machine learning algorithms.

On the Functional Equivalence of TSK Fuzzy Systems to Neural Networks, Mixture of Experts, CART, and Stacking Ensemble Regression

The aim of this session is to provide a forum to disseminate and discuss Software for Soft Computing, with special attention to Fuzzy Systems Software. Reflecting the fact that this society covers a wide range of topics, in this session we invite not only fuzzy researchers but also the related researchers from a variety of fields including intelligent robotics, human-machine interface, Kansei engineering and so on. Fuzzy logic methodologies are able to model subjective information, handle uncertainty and complexity, and address the lack of comprehensive data sets available for modeling in construction engineering and management.

Uncertainty estimation using fuzzy measures for multiclass classification

Open Discussion Slots, will usually be timetabled at the end of a special session to allow wider discussion around the special session topic in the context of the papers presented. Then we describe the learning of neural networks from training patterns with uncertainty. The only difference is, in first architecture , you have increase the number of input so you more number of weight in first hidden layer's node to model the impulse function but for the second architecture you need more number of node in hidden layer compared to first architecture to get same performance.

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