Hybrid Fuzzy Expert System

Session Chair

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Aims and Topics

Fuzzy Expert System is a collection of membership functions and rules that are used to reason about data. Unlike conventional expert systems, which are mainly symbolic reasoning engines, Fuzzy Expert System is oriented toward numerical processing. Fuzzy Expert System is a powerful tool for modeling and inference. It has been successfully applied in the commercial world to incorporated in currently marketed consumer products. Additionally, research in Fuzzy Expert System is extremely active both within industry and academia. Fuzzy Expert System can process vague, imprecise information to produce approximate solution for complex, ill-defined problems. The fundamental nature of Fuzzy Expert System makes it an ideal technology for use in command decision modeling. All humans' use approximates reasoning based on fuzzy information and fuzzy rules daily.

Aim of the Session

The session aims to bring together researcher and practitioners from industry and academia and provide them a platform to report on new developments on Fuzzy Expert System.

Topics of interest for the session

Topics of interest for the session include, but are not restricted to, the application of Soft Computing technologies to the use of Fuzzy Expert Systems with control system design in any engineering field, medical diagnostics, autonomous robots and process control in industries.

Important dates

20 July 20, 2002: Full Paper Submission
05 August, 2002: Notification of acceptance
25 August, 2002: Camera Ready Submission