Abstract

Petri nets have been used to model many systems like computer systems, knowledge based system, manufacturing systems etc. But these Petri nets do not have sufficient power to represent and handle approximate and uncertain information. Hence Fuzzy Petri Net (FPN) are defined to model systems such as robot systems having lower level of operations. The study of uncertainty in the events and change of time can be represented in the FPN. In another approach, Fuzzy Cognitive maps (FCM) links casual events values, goals and trends in a fuzzy feed back dynamical system. A Fuzzy Cognitive Maps lists the fuzzy rule or casual flow chart that relate events. This paper relate FCM and FPN. This paper show with an example that FCM concept easily carry through to FPN.

References

Fuzzy Petri Nets and Fuzzy Cognitive Maps

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Index Terms

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