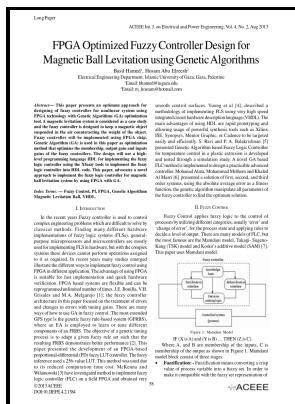


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Notes: Thesis (M.A.Sc.)--University of Toronto, 1993.

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of Fuzzy Logic Controllers for Optimal by Mohamed Trabia and William E. McCarthy

The proposed controller has the ability to deal with uncertainties when the PLI robot works on the insulated access cable. First, under a point-to-point acyclic scenario, we characterize all the edges contained in some CFs and we propose an efficient classification algorithm.

OPTIMIZATION AND DESIGNING OF PID, FUZZY & PID

In: 2010 International Conference on Intelligent and Advanced Systems ICIAS , Kuala Lumpur, Malaysia, 2010, pp.

of Fuzzy Logic Controllers for Optimal by Mohamed Trabia and William E. McCarthy

Robustness properties of the closed-loop system are achieved with a fuzzy logic control system using a Takagi–Sugeno model where the error and the change of error, are considered as the linguistic variables. Else, it reduces spinning speed if an imbalance is detected. In the view of the problem of designing and optimization of interval type-2 fuzzy logic controller IT2 FLC for Delta robot trajectory control, a systematic design method is put forward in this paper.

Type

A simplified type-2 fuzzy sliding controller is designed for suppressing wing rock phenomena and tracking the desired trajectories. In: 2011 4th International Conference on Human System Interactions HSI , Yokohama, 2011, pp. This paper is organized as follows: Section 2 presents the theoretical basis and problem statement.

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