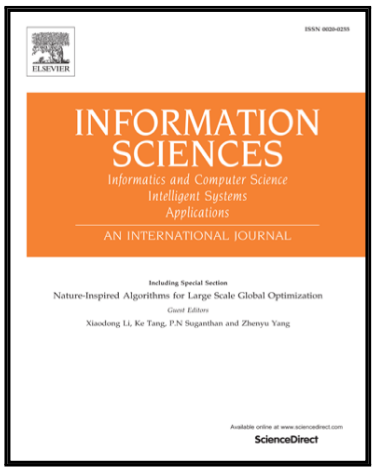

Event-Triggered Real-Time Scheduling Stabilization of Discrete-Time Takagi-Sugeno Fuzzy Systems via A New Weighted Matrix Approach

Xiang-Peng Xie, Dong Yue, Chen Peng

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Highlights

- A novel event-triggered real-time scheduler is proposed.
- A systematic homogenous polynomial approach is proposed.
- The criterion takes the form of an LMI which is computationally tractable.
- The obtained stabilization conditions are less conservative.
- The existing results are special cases of ours.