

Accepted Manuscript

Linguistic OWA and two time-windows based Fault Identification in wide plants

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PII: S0098-1354(18)30341-7
DOI: [10.1016/j.compchemeng.2018.04.020](https://doi.org/10.1016/j.compchemeng.2018.04.020)
Reference: CACE 6088



To appear in: *Computers and Chemical Engineering*

Received date: 15 November 2017
Revised date: 23 March 2018
Accepted date: 18 April 2018

Please cite this article as: A. Sánchez Fernández, G.I. Sainz-Palmero, J.M. Benítez, M.J. Fuente, Linguistic OWA and two time-windows based Fault Identification in wide plants, *Computers and Chemical Engineering* (2018), doi: [10.1016/j.compchemeng.2018.04.020](https://doi.org/10.1016/j.compchemeng.2018.04.020)

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Highlights

- Fault identification is provided by the aggregation of several top Fault isolation approaches and an OWA operator.
- The fault identification gives a scored ranking for the candidate variables that may be responsible for the fault.
- This aggregation is tuned by the user, according to his/her own admissible risk in the multicriteria decision making.
- The identification is carried out at two time points using two time-windows: ahead of fault detection and when the plant is again steady.

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