Accepted Manuscript

A Novel Approach to Process Operating Mode Diagnosis Using Conditional Random Fields in the Presence of Missing Data

Mengqi Fang, Hariprasad Kodamana, Biao Huang,
Nima Sammaknejad

PII: S0098-1354(17)30447-7
DOI: 10.1016/j.compchemeng.2017.12.017
Reference: CACE 5984

To appear in: *Computers and Chemical Engineering*

Received date: 7 August 2017
Revised date: 12 December 2017
Accepted date: 28 December 2017

Please cite this article as: Mengqi Fang, Hariprasad Kodamana, Biao Huang, Nima Sammaknejad, A Novel Approach to Process Operating Mode Diagnosis Using Conditional Random Fields in the Presence of Missing Data, *Computers and Chemical Engineering* (2017), doi: 10.1016/j.compchemeng.2017.12.017

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Highlights

- Conditional Random Field (CRF) is introduced for process operating mode diagnosis
- Missing data is considered for applying CRF
- Simulation and experiment studies verify the superiority of the proposed approach.

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/6594935

Download Persian Version:

https://daneshyari.com/article/6594935

Daneshyari.com