Session 5.3

Process Monitoring

A Data-Based Measure for Interactions in Multivariate Systems

M. Rossi, A. K. Tangirala, S. L. Shah, and C. Scali
University of Alberta

Issues in On-Line Implementation of a Closed Loop Performance Monitoring System

C. Scali, F. Ulivari, and A. Farina
University of Pisa

Steady-State Detection for Multivariate Systems Based on PCA and Wavelets

L. Caumo, A. O. Kempf, and J. O. Trierweiler
Universidade Federal do Rio Grande do Sul

Fault Detection Using Projection Pursuit Regression (PPR): A Classification Versus an Estimation Based Approach

S. Lou, T. Duever, and H. Budman
University of Waterloo

Fault Detection using Correspondence Analysis: Application to Tennessee Eastman Challenge Problem

K. P. Detroja, R. D. Gudi, and S. C. Patwardhan
Indian Institute of Technology Bombay

Using Sub Models for Dynamic Data Reconciliation

L. Lachance, A. Desbiens, and D. Hodouin
Universite Laval