

Session 6.3

Process Monitoring

A Novel Modular Nonlinear Network for Fault Diagnosis and Supervised Pattern Classification

B. Bhushan and J. A. Romagnoli
University of Sydney

Block Diagram Proposal of Protection System for a PWR Nuclear Power Plant

F. J. De Lima and C. Garcia
Escola Politécnica of the University of São Paulo

Performance Assessment of Model Predictive Control Systems

O. A. Z. Sotomayor and D. Odloak
Polytechnic School of the University of São Paulo

Towards an Integrated Co-Operative Supervision System for Activated Sludge Processes Optimisation

C. Bassompierre, C. Cadet, J. F. Béteau, and M. Aourousseau
*Laboratoire d'Automatique de Grenoble
Laboratoire de Génie des Procédés Papetiers*

Quantifying Closed Loop Performance Based on On-Line Performance Indices

M. Farenzena and J. O. Trierweiler
Federal University of Rio Grande do Sul

Variability Matrix: A New Tool to Improve the Plant Performance

M. Farenzena and J. O. Trierweiler
Federal University of Rio Grande do Sul

Assessment of Economic Performance of Model Predictive Control Through Variance/Constraint Tuning

F. Xu, B. Huang and E.C. Tamayo
University of Alberta

Diagnosis of Faults with Varying Intensities using Possibilistic Clustering and Fault Lines

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

