

Session 8.3

Performance Assessment of Closed-Loop Systems

Performance Assessment of Run-To-Run EWMA Controllers

A. V. Prabhu and T. F. Edgar,
University of Texas at Austin

Modified Independent Component Analysis for Multivariate Statistical Process Monitoring

J.-M. Lee, S. J. Qin, and I.-B. Lee
University of Texas at Austin

Detection and Diagnosis of Plant-Wide Oscillations via the Method of Spectral Envelope

H. Jiang, M. A. A. S. Choudhury, and S. L. Shah
University of Alberta

Detection of Plant-Wide Disturbances Using a Spectral Classification Tree

N. F. Thornhill and H. Melbø
University College London

Root Cause Analysis of Oscillating Control Loops

R. Srinivasan, M. R. Maurya, and R. Rengaswamy
Clarkson University
University of California, San Diego

Quantification of Valve Stiction

M. Jain, M. A. A. S. Choudhury, and S. L. Shah,
University of Alberta

