

Analysis and Control of Separation Processes

**Parameter and State Estimation in Chromatographic
SMB Processes with Individual Columns and Nonlinear
Adsorption Isotherms**

A. Küpper and S. Engell
Universität Dortmund

Parametric Model Predictive Control of Air Separation

J. A. Mandler, N. A. Bozinis, V. Sakizlis, E. N. Pistikopoulos,
A. L. Prentice, H. Ratna and R. Freeman
Air Products and Chemicals, Inc

**Stabilizing Control of an Integrated 4-Product Kaibel
Column**

J. Strandberg and S. Skogestad
Norwegian University of Science and Technology

**Dynamics and Control of Heat Integrated Distillation
Column (HIDIC)**

T. Fukushima, M. Kano, O. Tonomura and S. Hasebe
Kyoto University

**Rigorous Simulation and Model Predictive Control of a
Crude Distillation Unit**

G. Pannocchia, L. Gallinelli, A. Brambilla, G. Marchetti
and F. Trivella
University of Pisa

