Computers & Chemical Engineering

Contents

B.V. Smith and M.G. Ierapepittou 857 Integrative chemical product design strategies: Reflecting industry trends and challenges

P. Vijay, A.K. Samantaray and A. Mukherjee 856 Development of a thermodynamically consistent kinetic model for reactions in the solid oxide fuel cell

M.J. Baker and G.R. Tabor 878 Computational analysis of transitional air flow through packed columns of spheres using the finite volume technique

R. Tuley, M. Danby, J. Shrimpton and M. Palmer 886 On the optimal numerical time integration for Lagrangian DEM within implicit flow solvers

B.T. Baumrucker and L.T. Biegler 900 MFEC strategies for cost optimization of pipeline operations

J.P. Ruiz and L.E. Grossmann 914 Strengthening of lower bounds in the global optimization of Bilinear and Concave Generalized Disjunctive Programs

A. Lucia and B.R. McCallum 931 Energy targeting and minimum energy distillation column sequences


(Contents continued on page 1)

Available online at

ScienceDirect
www.sciencedirect.com

This journal is part of ScienceDirect's free alerting service that emails you tables of contents and favourite topics for Elsevier books and journals. You can register by clicking "Alerts" at www.sciencedirect.com


Elsevier

ISSN 0098-1354
J. Bonilla, M. Diehl, F. Logist, B. De Moor and J. Van Impe

953 An automatic initialization procedure in parameter estimation problems with parameter-affine dynamic models

T. John, M. Guay, N. Hariharan and S. Naranayan

965 POD-based observer for estimation in Navier–Stokes flow

Y. Tian, L. Chen and A. Kaperski

976 Modelling and simulation of a continuous process with feedback control and pulse feeding

K. Al-Qahtani and A. Elkamel

985 Robust planning of multisite refinery networks: Optimization under uncertainty

Z. Li and M. C. Ierapetritou

996 Production planning and scheduling integration through augmented Lagrangian optimization