

Papers on DATA RECONCILIATION and OPTIMIZATION by PSE-Lab

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Keywords: Data Reconciliation; Model identification; Coaptation; Optimization; Optimal design; On-line optimization; Supervision; Continuous processes; Batch processes; Soft sensors; Price/cost models; Linear regressions; Nonlinear regressions; Redundancy of measures.

- (7) **RECONCILIATION, OPTIMIZATION AND SUPERVISORY CONTROL OF CRUDE OIL DISTILLATION SYSTEMS**
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- (17) **OPTIMAL CONTROL FOR INCINERATION PLANTS**
M. Rovaglio, D. Manca, G. Biardi
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- (23) **SUPERVISORY CONTROL AND ON-LINE OPTIMIZATION OF WASTE COMBUSTION PROCESSES**
M. Rovaglio, D. Manca
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- (24) **RECONCILIATION AND MODEL IDENTIFICATION AS A FIRST STEP FOR ON-LINE OPTIMIZATION OF INCINERATION PROCESSES**
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- (27) **ON-LINE OPTIMIZATION OF WASTE COMBUSTION PROCESSES**
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- (33) **SUPERVISORY CONTROL OF A SELECTIVE CATALYTIC REACTOR FOR NO_x REMOVAL IN INCINERATION PLANTS**
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- (38) **TEMPERATURE MAPPING OF A HETEROGENEOUS COMBUSTION CHAMBER BY INFRARED THERMOGRAPHIC IMAGE PROCESSING**
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- (78) **NUMERICAL MODELING OF A DISCONTINUOUS INCINERATION PROCESS WITH ON-LINE VALIDATION**
D. Manca, M. Rovaglio
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- (93) **OPTIMIZATION OF THE VARIABLE REFLUX RATIO IN A BATCH DISTILLATION COLUMN THROUGH A HEURISTIC METHOD**
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<http://www.degruyter.com/view/j/cppm.2007.2.1/issue-files/cppm.2007.2.issue-1.xml>
- (111) **ENTERPRISE-WIDE OPTIMIZATION UNDER TIGHT SUPPLY CONTRACTS AND PURCHASE AGREEMENTS**
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- (122) **DYNAMIC OPTIMIZATION OF 'MMA' AND 'VAC' COPOLYMERIZATION PROCESS**
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- (128) **TRANSIENTS MODELING FOR ENTERPRISE-WIDE OPTIMIZATION: GENERALIZED FRAMEWORK AND INDUSTRIAL CASE STUDY**
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- (179) **STRATEGIC DESIGN OF BIOETHANOL SUPPLY CHAINS INCLUDING COMMODITY MARKET DYNAMICS**
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