Session 6.1

Modeling and Identification

Short and Long Timescales in Recycles

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Finite Automata from First-Principle Models: Computation of Min and Max Transition Times

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Neural Modeling as a Tool to Support Blast Furnace Ironmaking

F. Tadeu, P. de Medeiros, A. Pitasse da Cunha and A. M. F. Fileti
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University of Campinas
MetalFlexi

An Inverse Artificial Neural Network Based Modelling Approach for Controlling HFCS Isomerization Process

M. Yuceer and R. Berber
Ankara University

An Algorithm for Automatic Selection and Estimation of Model Parameters

A. R. Secchi, N. S. M. Cardozo, E. Almeida Neto and T. F. Finkler
Universidade Federal do Rio Grande do Sul

Rigorous and Reduced Dynamic Models of the Fixed Bed Catalytic Reactor for Advanced Control Strategies

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