

Session 4.2

Bioprocess Modeling and Identification

Optimal Experiment Design in Bioprocess Modelling:From Theory to Practice

A. M. Cappuyns, K. Bernaerts, I. Y. Smets, O. Ona, E. Prinsen, J. Vanderleyden and J. F. Van Impe
Katholieke Universiteit Leuven

Dynamic Modelling of a Biofilter Used for Nitrification of Drinking Water at Low Influent Ammonia Concentrations

Queinnec, J. C. Ochoa, E. Paul and A. VandeWouwer
Le Centre National de la Recherche Scientifique - Faculté Polytechnique de Mons

Dynamic PCA for Phase Identification of Rifamycin B Fermentation in Multi-Substrate Complex Media

X. T. Doan, R. Srinivasan, P. M. Bapat, and P. P. Wangikar
Institute of Chemical and Engineering Sciences

A New Model of Phenol Biodegradation and Activated Sludge Growth in Fedbatch Cultures

C. Ben-Youssef, J. Waissman and G. Vázquez
Universidad Politécnica de Pachuca

