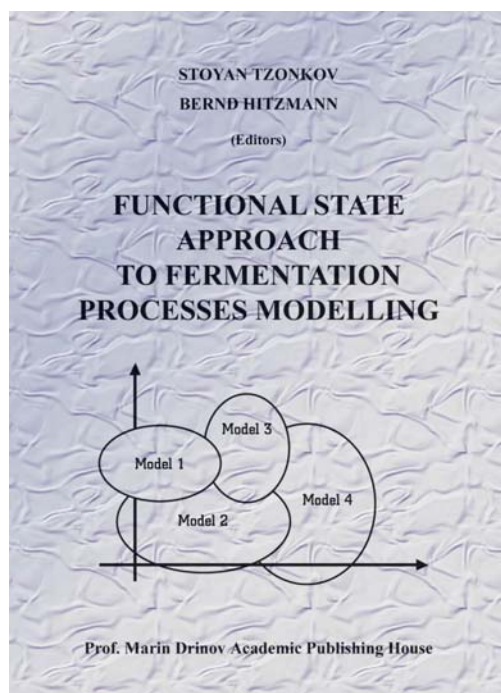TANIA PENCHEVA   OLYMPIA ROEVA
IASEN HRISTOZOV

FUNCTIONAL STATE APPROACH TO FERMENTATION PROCESSES MODELLING

Edited by:

STOYAN TZONKOV   BERND HITZMANN

This monograph presents in details the concept of multiple model approach and especially functional state modelling approach for modelling of fermentation processes. Advantages of functional state approach are demonstrated based on examples of its application for modelling of yeast and bacteria cultivations. The presented survey and results could be useful for the advanced students, young scientists and specialists, working in the field of modelling of fermentation processes, as a solid and concise review of knowledge from a contemporary point of view.

This scientific work is a result of international collaboration between *Institute of Technical Chemistry* at *University of Hannover*, *Germany* and *Centre of Biomedical Engineering "Prof. Ivan Daskalov" – Bulgarian Academy of Sciences*, *Bulgaria*.

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