



## Supply-Chain Optimization, Part I, Volume 3

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### DESCRIPTION

Inspired by the leading authority in the field, the Centre for Process Systems Engineering at Imperial College London, this book includes theoretical developments, algorithms, methodologies and tools in process systems engineering and applications from the chemical, energy, molecular, biomedical and other areas. It spans a whole range of length scales seen in manufacturing industries, from molecular and nanoscale phenomena to enterprise-wide optimization and control. As such, this will appeal to a broad readership, since the topic applies not only to all technical processes but also due to the interdisciplinary expertise required to solve the challenge.

The ultimate reference work for years to come.

### ABOUT THE AUTHOR

Michael C. Georgiadis is Head of the Process System Engineering Laboratory at the PSE, Imperial College London and is the manager for academic business development of Process Systems Enterprise Ltd in Thessaloniki, Greece and is also an adjunct Associate Professor in the University of Western Macedonia, Greece. He obtained his Chemical Engineering degree from Aristotle University of Thessaloniki, Greece and a MSc and PhD from Imperial College London. Dr. Georgiadis has authored/ co-authored over 55 papers and two books. He has a long experience in the management and participation of more than 20 collaborative research contracts and projects.

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Process Systems Enterprise (PSE), provider of the gPROMS advanced process simulation and modelling environment, is the 2007 winner of the Royal Academy of Engineering's MacRobert Award. The award, the UK's most prestigious for engineering, recognises the successful development of innovative ideas. The PSE team was presented with the MacRobert gold medal by HRH Prince Philip.

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