A. BOOKS


B. PAPERS
(Note: The following are links to the subsequent sections)

First Paper
Reviews and Perspectives
Artificial Intelligence (Reviews and Perspectives)
Modeling Languages
Multi-scale, Multi-Resolution Modeling and Engineering
Modeling in Logic and Logical Inferences
Modeling National and Industry-Wide Production Systems
Optimization
Continuous and Batch Process Synthesis and Design
Synthesis of Reaction and Metabolic Pathways
Synthesis of Control Structures for Chemical Plants
Synthesis of Operating Procedures
Process Dynamics Estimation and Control
Operations Monitoring and Diagnosis
Interaction of Design and Control
Controlled Self-Assembly
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First Paper


Reviews and Perspectives


Artificial Intelligence (Reviews and Perspectives)


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**Multi-scale, Multi-Resolution Modeling and Engineering**


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Modeling National and Industry-Wide Production Systems


Optimization


**Continuous and Batch Process Synthesis and Design**


**Synthesis of Reaction and Metabolic Pathways**


**Synthesis of Control Structures for Chemical Plants**


“Plant-Wide Control Structures and Strategies”, Christine Ng and George Stephanopoulos, Proceedings of DYCOPS-5, Kerkyra, Greece (1998)

**Synthesis of Operating Procedures**


**Process Dynamics Estimation and Control**


### Operations Monitoring and Diagnosis


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**Interaction of Design and Control**


**Controlled Self-Assembly**


**Systems Approaches in Bioengineering**


**Modeling and Control of Traffic Networks**


