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# Computer Aided Systems Theory – EUROCAST '93

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# Preface

This volume contains a selection of papers presented at the third European CAST workshop, EUROCAST'93, which was held at the Universidad de Las Palmas de Gran Canaria, Spain, in February 1993.

Following the tradition of the former workshops, EUROCAST'93 again emphasized interdisciplinarity with the specific goal of creating a synergy between fields such as systems theory, computer science, systems engineering and related areas. One aim of the workshop was to enable specialists to meet others in related fields and to learn from each other by communicating on a "systems level".

The papers in this volume contain workshop contributions which are strongly related to current problems in CAST research. Concerning systems theory, they certainly emphasize an engineering point of view. Since the computer is the essential instrument in CAST research, close relations to specific topics in computer science naturally exist. This should be a legitimation for the publication of this volume in the Lecture Notes in Computer Science.

EUROCAST'93 was organized by the Facultad de Informatica of the Universidad de Las Palmas de Gran Canaria, Canary Islands, Spain. The organizers are grateful for the cooperation with the International Federation of Systems Research (IFSR) and the Instituto Tecnológico de Canarias, S.A. (ITC).

The editors of this volume would like to thank Professor Gerhard Goos for his constructive criticisms and suggestions for more closely correlating CAST research with related research topics in computer science, especially in the field of formal methods in programming and software engineering. This would enable an even greater degree of cooperation between systems research and computer science. A final word of thanks goes to the staff of the Springer-Verlag in Heidelberg for their help in publishing this volume.

November, 1993

Franz Pichler  
Roberto Moreno-Díaz

# Contents

## 1 Systems Theory and Systems Technology

Systems Theory and Engineering .....	2
F.Pichler	
Computer-Aided Systems Technology: Its Role in Advanced Computerization .....	11
T. I. Ören	
Computer Aided Nonlinear System Design Based on Algebraic System Representation and on Nonlinear Bundle Graphs.....	21
H. J. Sommer, H. Hahn	
A New Model-Based Approach to the Co-Design of Heterogeneous Systems.....	42
D. Monjau, St. Kahlert, K. Buchenrieder, Ch. Veith	
Towards an "Erlangen Program" for General Linear Systems Theory.....	52
R. Creutzburg, V. G. Labunets, E. V. Labunets	
The Shape of Complex Systems .....	72
Ch. Rattray	
Polynomial Systems Theory for n-D Systems Applied to Vision-Based Control .....	83
R. Ylinen	
A Representation of Software Systems Evolution Based on the Theory of the General System .....	96
J. Parets, A. Anaya, M. J. Rodríguez, P. Paderewski	
Theoretical Considerations About Subset Descriptions .....	111
G. Fiol, J. Miró-Nicolau	
Sampled Data Passive Systems.....	118
P. Albertos	
Computer-Aided Systems Technology for CAD Environments: Complexity Issues and a Repository-Based Approach.....	131
T. I. Ören, D. G. King	
On Requirements for a CAST-Tool for Complex, Reactive System Analysis, Design and Evaluation .....	137
Ch. Schaffer, H. Prähofer	
Automating the Modeling of Dynamic Systems.....	160
H. Hyötyniemi	

## 2 Specific Methods

Formal Methods and Their Future .....	180
G. Musgrave, S. Finn, M. Francis, R. Harris, R. B. Hughes	
Formal Description of Bus Interfaces Using Methods of System Theory. ....	190
E. M. Thurner	
CAST Tools for Intelligent Control in Manufacturing Automation.....	203
W. Jacak, J. Rozenblit	
An Algebraic Transformation of the Minimum Automaton Identification Problem.....	220
I. Sierocki	
On Possibilistic Automata.....	231
C. Joslyn	
On Automatic Adjustment of the Sampling Period .....	243
S. Dormido, I. López, F. Morilla, M. A. Canto	
FSM Shift Register Realization for Improved Testability .....	254
Th. Mueller-Wipperfueth, J. Scharinger, F. Pichler	
Cluster-Based Modelling of Processes with Unknown Qualitative Variables .....	268
R. Ylinen	
The Role of Partitions and Functionals in Descriptor Computation for Data Receptive Fields.....	282
J. A. Muñoz-Blanco, J. C. Quevedo-Losada, O. Bolivar-Toledo	
On Some Algorithmic and Computational Problems for Neuronal Diffusion Models .....	293
V. Giorno, A. G. Nobile, L. M. Ricciardi	
Hierarchic Representation for Spatial Knowledge .....	314
D. H. Kieronska, S. Venkatesh	

### 3 Applications

Probabilistic Models in Qualitative Simulation .....	331
W. Grossmann, H. Werthner	
STIMS-MEDTOOL: Integration of Expert Systems with Systems Modelling and Simulation .....	347
R. P. Otero, A. Barreiro, H. Praehofer, F. Pichler, J. Mira	
Systems Concepts for Visual Texture Change Detection Strategy .....	357
J. A. Muñoz-Blanco, C. Garcia, F. Alayon, S. Candela	
Qualitative Computation with Neural Nets: Differential Equations Like Examples .....	366
A. Delgado, R. Moreno-Díaz, J. Mira	
Interpretation-Driven Low-Level Parameter Adaptation in Scene Analysis .....	380
M. Kilger, T. Dietl	
General Systems Theory as a Framework for Model-Based Diagnosis .....	388
Z. Zdráhal	
Technical Applications of Knowledge-Based Systems .....	399
P. Kopacek	
CASE - Computer-Aided Systems Engineering, a New Approach for Developing IM-Systems with Special Consideration of CIM Systems .....	406
M. Zauner	
Modelling and Analysis of Complex Stochastic Systems: from a Specific Example to a General Environment .....	418
G. J. Marshall, A. Behrooz, F. M. Clayton	
System Theoretic Approach to Migration of Project Models .....	427
K. Kitzmüller	
Computer-Aided Analysis and Design of Sequential Control in Industrial Processes .....	440
K. Zenger	
<b>Index of Authors .....</b>	<b>451</b>