Editor's Preface

Special Issue on

Computer Science and Operations Research

By H. Noltemeier[1]

Recent years have seen remarkable advances in the design, analysis, implementation and evaluation of information systems, which are of strong interest to operations research scientists too.

This special issue is devoted to such problems, where of course we had to restrict ourselves to some, but most promising fields of recent research, as for example

- Vision/Robotics with special emphasis on Motion Planning and Image Generation

- Computational Geometry, enforcing adequate computational models, data structures and algorithms

- Layout-Problems for Parallel Architectures and Algorithms, especially restrictions in VLSI-Layout-Systems as well as the Graph-Representation-Problem for vertex multiplicity graphs with strong impact on Computational Complexity

- Traffic Analysis in Distributed Computer and Communication Systems

- Expert Systems, Knowledge Acquisition and Learning as well as Temporal Representation problems.

As editor of this special issue, I want above all to thank the authors for their outstanding contributions. Thanks also go to the referees for their advise.

I hope this issue will be a remarkable step in bringing together scientific workers in Computer Science and Operations Research to meet the challenges in a rapidly growing field of problems of common interest.

<div align="right">Hartmut Noltemeier</div>

---

[1] Hartmut Noltemeier, University of Würzburg, Informatik I, D-8700 Würzburg, FRG.