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A. Albrecht H. Jung
K. Mehlhorn (Eds.)

Parallel Algorithms and Architectures

International Workshop
Suhl, GDR, May 25–30, 1987
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P R E F A C E

This volume contains the proceedings of the International Workshop on Parallel Algorithms and Architectures held in Suhl, German Democratic Republic, May 25-29, 1987.

The aim of the conference is to support research activities on parallel architectures and algorithms. The program consists of invited lectures given by acknowledged scientists as well as short communications. It covers both theoretical and practical aspects of parallel computing.

The main topics of the workshop are

- Models of parallel computations;
- New algorithms for individual problems, e.g. from graph theory, logic programming, combinatorics and computational geometry;
- Hardware algorithms, parallel architectures.

We wish to thank all who submitted papers for consideration and all members of the International Program Committee which consisted of A.Albrecht (Berlin), J.von zur Gathen (Toronto), J.Herath (Yokohama), H.Jung (Berlin), R.Kannan (Pittsburgh), A.Konagaya (Tokyo), V.Kotov (Novosibirsk), T.Leighton (Cambridge), K.Mehlhorn (Saarbrücken), J.Miklosko (Bratislava), B.Monien (Paderborn), W.Paul (Saarbrücken), H.Thiele (Berlin), C.D.Thomborson (Duluth), G.Wechsung (Jena), C.K.Yap (New York).

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A. Albrecht, H. Jung, K. Mehlhorn

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TABLE OF CONTENTS

Invited Papers

Alt H., Hagerup T., Mehlhorn K., Preparata F.P. Deterministic simulation of idealized parallel computers on more realistic ones	11
Dwyer R., Kannan R. Convex hull of randomly chosen points from a polytope	16
Herath J., Yuba T., Saito N. Dataflow computing	25
Koerner E., Tsuda I., Shimizu H. Parallel in sequence - Towards the architecture of an elementary cortical processor	37
Mirenkov N.N. Parallel algorithms and static analysis of parallel programs ...	48
Monien B., Vornberger O. Parallel processing of combinatorial search	60

Communications

Apostolico A., Iliopoulos C.S., Paige R. On $O(n \log n)$ cost parallel algorithm for the single function coarsest partition problem	70
Asano T., Umeo H. Systolic algorithms for computing the visibility polygon and triangulation of a polygonal region	77
Budach L., Giessmann E.G., Grassmann H., Graw B., Meinel C. RELACS - A recursive layout computing system	86
Creutzburg R. Parallel linear conflict-free subtree access	89
De Baer D., Paredaens J. A formal definition for systolic systems	97

Diks K.	
Parallel recognition of outerplanar graphs	105
Ferment D., Rozoy B.	
Solutions for the distributed termination problem	114
Gössel M., Rebel B.	
Memories for parallel subtree-access	122
Matsui S., Kato Y., Teramura S., Tanaka T., Mohri N., Maeda A., Nakanishi M.	
SYNAPSE : A multi-microprocessor Lisp machine with parallel garbage collector	131
Rytter W.	
A note on optimal parallel transformations of regular expressions to nondeterministic finite automata	138
Rytter W., Giancarlo R.	
Optimal parallel parsing of bracket languages	146
Uhlig D.	
On reliable networks from unreliable gates	155
Vrto I.	
Area-time tradeoffs for selection	163
Wächter F.	
Optimization of special permutation networks using simple algebraic relations	169

LATE PAPERS

Invited Papers

Thomborson C.D., Deneen L.L., Shute G.M.

Computing a rectilinear Steiner minimal tree in
 $n^{O(\sqrt{n})}$ time 176

Yap C.K.

What can be parallelized in computational geometry ? 184

Communication

Konagaya A., Nakazaki R., Umemura M.

A co-operative programming environment for a back-end type
sequential inference machine CHI 196