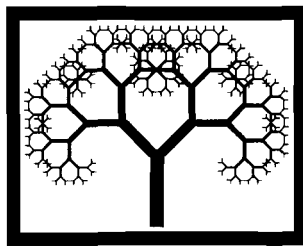


**DEVELOPMENTS
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*Edited by
B.H.V. Topping*



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❖CONTENTS❖

1. MESH GENERATION AND VISUALISATION

- 1.1 PARALLEL THREE-DIMENSIONAL MESH GENERATOR: ALGORITHMS AND IMPLEMENTATION, D. Rypl and Z. Bittnar, Faculty of Civil Engineering, Department of Structural Mechanics, Czech Technical University in Prague, Czech Republic..... 1

2. STATIC AND DYNAMIC LOAD BALANCING

- 2.1 MULTILEVEL MESH PARTITIONING FOR OPTIMISING SUBDOMAIN ASPECT RATIO, C. Walshaw*, M. Cross*, R. Diekmann+ and F. Schlimbach*, *Centre for Numerical Modelling and Process Analysis, University of Greenwich, London, England, +Corporate Research, Hilti AG, Schaan, Liechtenstein 9

- 2.2 LOAD BALANCING FOR ASPECT RATIO IN ADAPTIVE FINITE ELEMENT SIMULATIONS, F. Schlimbach*, M. Cross*, C. Walshaw* and R. Diekmann+, *CMS, University of Greenwich, London, England, +Corporate Research, Hilti AG, Schaan, Liechtenstein..... 21

- 2.3 DYNAMIC LOAD BALANCING AND CONTINUUM COMPUTATION PROBLEMS, M.-Tahar Kechadi, Department of Computer Science, University College, Dublin, Ireland..... 31

- 2.4 AUTOMATIC IMPLEMENTATION OF DYNAMIC LOAD BALANCING STRATEGIES FOR STRUCTURED COMPUTATIONAL MECHANICS CODES, J.N. Rodrigues, S.P. Johnson, C. Walshaw and M. Cross, Centre for Numerical Modelling and Process Analysis, University of Greenwich, London, England 41

- 2.5 A VERSATILE DYNAMIC LOAD BALANCING ALGORITHM FOR PARALLEL FINITE ELEMENT APPLICATIONS, F.J. Lingen, Koiter Institute Delft, Department of Aerospace Engineering, Delft University of Technology, The Netherlands 49

- 2.6 DRAMA: DYNAMIC RE-ALLOCATION OF MESHES FOR PARALLEL FINITE ELEMENT APPLICATIONS, G. Lonsdale*, A. Basermann*, J. Fingberg*, T. Coupez+, H. Digonnet+, J. Clinckemillie\$, G. Thierry\$, P. Dannaux#, B. Maerten#, D. Roose#, R. Ducloux** and C. Walshaw++, *N.E.C. Europe Ltd, St. Augustin, Germany, +CEMEF, Sophia Antipolis, France, \$ESI S.A., Rungis, France, #K.U. Leuven, Belgium, **Transvalor S.A., Sophia Antipolis, France, ++University of Greenwich, London, England..... 61

3. PARALLEL AND DISTRIBUTED SOLUTION OF LARGE SCALE PROBLEMS

- 3.1 MIXED FORMULATIONS AND ITERATIVE SOLVER FOR THE PARALLELISATION OF A FORGING SIMULATION SOFTWARE BY MESH PARTITIONING, E. Perchat, L. Fourment and T. Coupez, CEMEF, Ecole des Mines de Paris, Sophia Antipolis, France 67

- 3.2 ITERATIVE AND PARALLEL SOLUTION STRATEGIES FOR PC BASED LARGE SCALE, FINITE ELEMENT ANALYSES, C. Kasbergen, A. Scarpas and J. Blaauwendraad, Faculty of Civil Engineering and Geosciences, Delft University of Technology, Delft, The Netherlands..... 73

- 3.3 TRANSIENT FE-ANALYSES OF SILO BUCKLING BEHAVIOUR USING PARALLEL COMPUTERS, T. Rottner and K. Schweizerhof, Institute for Mechanics, University of Karlsruhe, Germany..... 79

3.4 A PARALLEL EQUATION SOLVER LIBRARY FOR PROBLEMS FROM STRUCTURAL ANALYSIS, I. Lenhardt, Institute for Applied Mathematics, University of Karlsruhe, Germany	87
3.5 THE USE OF WORKSTATION CLUSTERS TO SOLVE LARGE PROBLEMS OF MECHANICS, J-F. Lassignardie, Y. Escaig, P. Marin and G. Touzot, Laboratoire de Mécanique de Rouen, INSA de Rouen, Saint Etienne du Rouvray, France.....	95
3.6 A MODIFIED AUGMENTED LAGRANGIAN METHOD FOR NEARLY INCOMPRESSIBLE PROBLEMS, M.H.B.M. Shariff, School of Computing and Mathematics, University of Tees-side, Middlesbrough, England ..	101
3.7 HIERARCHICAL PRECONDITIONERS FOR HIGHER ORDER ELEMENTS AND APPLICATIONS IN COMPUTATIONAL MECHANICS, A. Meyer, Fakultät für Mathematik, Technische Universität Chemnitz, Germany	107
3.8 THE PARALLEL PROTOTYPE OF THE REACTIVE TRANSPORT OF SOLUTES CODE, I. Benet Llobera*, A. Medina Sierra**, C. Ayora+, and J. Carrera*, *Departament d'Enginyeria del Terreny, E.T.S.E.C.C.P.B., U.P.C., Barcelona, Spain, **Departament de Matemàtica Aplicada III, E.T.S.E.C.C.P.B., U.P.C., Barcelona, Spain, +Institut de Ciències de la Terra, C.S.I.C., Barcelona, Spain.....	113
 4. GEOTECHNICAL PROBLEMS	
4.1 TWO DIMENSIONAL MODELLING OF CONSOLIDATION OF SOFT SOILS USING PARALLEL FINITE ELEMENT METHODS, U. Reichel, Fakultät für Mathematik, Technische Universität Chemnitz, Germany	121
 5. FLUID-STRUCTURE INTERACTION PROBLEMS	
5.1 EFFICIENT PARTITIONED METHODS FOR THE COMPUTATION OF FLUID-STRUCTURE INTERACTION ON PARALLEL COMPUTERS, J. Steindorf and H.G. Matthies, Institute of Scientific Computing, Technical University Braunschweig, Germany	127
 6. DISTRIBUTED ALGEBRAIC SYSTEMS	
6.1 DEVELOPING A DISTRIBUTED SYSTEM FOR ALGEBRAIC GEOMETRY, W. Schreiner, Research Institute for Symbolic Computation, Johannes Kepler University, Linz, Austria.....	137
 7. DISTRIBUTED SIMULATION	
7.1 DISTRIBUTED SIMULATION OF AGENT-BASED SYSTEMS, G. Theodoropoulos and B. Logan, School of Computer Science, University of Birmingham, England	147
 8. PARALLEL SOLUTION OF ACOUSTIC PROBLEMS	
8.1 PARALLEL COMPUTING IN THE ACOUSTIC AND ELASTIC WAVE PROPAGATION IN PERIODIC MEDIA, M. Kafesaki*, E.N. Economou* and M.M. Sigalas+, *I.E.S.L., Foundation for Research and Technology - Hellas, Heraklion, Crete, Greece, +A.I.M.S., Iowa, United States of America	155

8.2 TREFFTZ INFINITE ELEMENTS FOR ACOUSTIC COMPUTATION IN UNBOUNDED DOMAINS, I. Harari*, P.E. Barbone+, P. Barai*, M. Slavutin*, S. Shmulman*, *Department of Solid Mechanics, Materials and Structures, Tel Aviv University, Ramat Aviv, Israel, +Department of Aerospace and Mechanical Engineering, Boston University, U.S.A.	161
8.3 A NEW CEMENT TO GLUE NON-CONFORMING GRIDS WITH ROBIN INTERFACE CONDITIONS, Y. Achdou*, C. Japhet*, Y. Maday** and F. Nataf*, *Ecole Polytechnique, Palaiseau, France, **Universite Paris VI, France	169
9. PARALLEL CELLULAR AUTOMATA PROBLEMS	
9.1 EXPERIMENTING WITH CELLULAR AUTOMATA PROGRAMMING, C.R. Calidonna, C. Di Napoli, M. Mango Fumari and A. Imparato, C.N.R., Istituto di Cibernetica, Naples, Italy	175
9.2 PARALLELISING CELLULAR AUTOMATA FOR THE MODELLING OF ACCRETION DISKS IN CLOSE BINARY SYSTEMS, G. Gorman, N. Wilson and A. Shearer, Scientific Computing Group, Information Technology Centre, National University of Ireland, Galway, Ireland	183
10. STRUCTURAL MECHANICS MODELLING AND ANALYSIS	
10.1 SHAKING THE BELL TOWER - DYNAMIC EXPERIMENTS TO OBTAIN A FINITE ELEMENT MODEL, V. Zabel and C. Bucher, Fakultät Bauingenieurwesen, Institut für Strukturmechanik, Bauhaus-Universität Weimar, Germany	187
10.2 ANALYSIS OF SHELLS WITH 5/6 DOF FINITE ELEMENT FORMULATION, L. Wang, M. Bresser and G. Thierauf, Department of Civil Engineering, University of Essen, Germany	193
10.3 BUCKLING OF BEAMS OF VARYING CROSS SECTION UNDER AXIAL COMPRESSION AND BIAxIAL BENDING, R. Levy and E. Gal, Faculty of Civil Engineering, Technion-Israel Institute of Technology, Technion City, Haifa, Israel	205
11. OPTIMIZATION AND DESIGN	
11.1 DIGITAL HALFTONING OPTIMISATION VIA GENETIC ALGORITHMS FOR INK JET DEVICE, J.T. Alander, T. Mantere and T. Pyylampi, Department of Information Technology and Production Economics, University of Vaasa, Finland.....	211
11.2 DIFFERENTIAL EVOLUTION - NEW NATURALLY PARALLEL APPROACH FOR ENGINEERING DESIGN OPTIMIZATION, J. Lampinen, Department of Information Technology and Production Economics, University of Vaasa, Finland.....	217
11.3 COMBINATION OF EVOLUTIONARY STRATEGIES AND MATHEMATICAL PROGRAMMING FOR THE OPTIMIZATION OF MODULAR STEEL FRAMES, C. Ebenau and G. Thierauf, Department of Civil Engineering, University of Essen, Germany.....	229
11.4 RELIABILITY AND FAILURE PROBABILITY OF STRUCTURES, A.-R. Jost and G. Thierauf, Department of Civil Engineering, University of Essen, Germany	235

11.5 A PRACTICAL APPROACH FOR THE OPTIMUM DESIGN OF REINFORCED CONCRETE STRUCTURES,
C. Butenweg*, R. Gajewski+ and G. Thierauf*, *Department of Civil Engineering, University of Essen, Germany,
+Department of Civil Engineering, Warsaw University of Technology, Warsaw, Poland 245

11.6 EVOLUTION STRATEGIES IN THE OPTIMAL DESIGN OF A LAMINATED COMPOSITE CANARD
WING, R. Spallino and S. Rizzo, Dipartimento di Ingegneria Strutturale e Geotecnica, Università di Palermo,
Italy 251

11.7 MAPPING OF UNSTRUCTURED FINITE ELEMENT MESHES IN STRUCTURAL SHAPE OPTIMISATION,
D. Kelliher and J.S. Campbell, Department of Civil and Environmental Engineering, National University of
Ireland, Cork, Ireland..... 261

❖PREFACE❖

This volume contains the research papers presented at *The Third Euro-Conference on Parallel and Distributed Computing for Computational Mechanics*, held in Weimar, Germany between 20-25 March 1999. The Euro-Conference was supported by the European Commission Training and Mobility of Researchers Programme under contract no: ERBMMACT960072 with Civil-Comp Limited. We are grateful for the assistance of Marc De Cock of the European Commission's TMR programme for his kind advice and assistance with this series of Euro-Conferences.

The research papers in this volume include the following topics:

- Mesh Generation
- Static and Dynamic Load Balancing
- Parallel and Distributed Solution of Large Scale Problems
- Geotechnical Problems
- Fluid-Structure Interaction Problems
- Distributed Algebraic Systems
- Distributed Simulation
- Parallel Solution of Acoustic Problems
- Parallel Cellular Automata Problems
- Structural Mechanics Modelling and Analysis
- Optimization and Design

As well as the presentation of these research papers, a number of lectures were presented at the Third Euro-Conference. The text of these lectures will be published in "Computational Mechanics using High Performance Computing", Edited by B.H.V. Topping, Saxe-Coburg Publications, Edinburgh, ISBN 1-874-672-07-5, 1999.

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Barry H.V. Topping
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