

**Proceedings of the
Sixth International Conference on
Computational Structures Technology**

Civil-Comp Press Books on Computational Engineering

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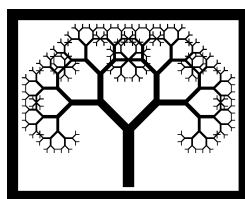
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Parallel Finite Element Computations

B.H.V. Topping and A.I. Khan

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CIVIL-COMP PRESS

© Civil-Comp Ltd, Stirling, Scotland

published 2002 by

Civil-Comp Press

Dun Eaglais, Kippen

Stirling, FK8 3DY, UK

Civil-Comp Press is an imprint of Civil-Comp Ltd

ISBN 0-948749-81-4 (Book)

ISBN 0-948749-82-2 (CD-Rom)

ISBN 0-948749-83-0 (Combined Set)

British Library Cataloguing in Publication Data

A catalogue record for this book is available from the British Library

Cover Image: Temperature distribution in a steel plate girder during cooling after welding.

Created by J. Néző, Heriot-Watt University, Edinburgh, United Kingdom.

For more information see Paper 101.

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Preface

This volume comprises the extended abstracts of contributed papers presented at The Sixth International Conference on Computational Structures Technology (CST 2002). The full papers from the conference are available on the accompanying CD-ROM. The conference was held concurrently with The Third International Conference on Engineering Computational Technology (ECT 2002). Both conferences were organised in conjunction with and held at the Faculty of Civil Engineering, Czech Technical University in Prague, Czech Republic, from 4 to 6 September 2002. These conferences are part of the CST–ECT series that commenced in 1991.

The topics included in these Proceedings are:

- Computational Database Technology
- Nanomechanics
- Structural Analysis
- Finite Element Methods in Design
- Finite Element: Theory and Practice
- Non-Linear Finite Element Analysis
- Dynamic and Vibration Analysis
- Dynamic Analysis for Design
- Dynamic Re-analysis and Optimization
- Seismic and Earthquake Engineering
- Damage Assessment and Structural Identification
- Crack Modelling
- Materials Modelling
- Fatigue Modelling
- Contact
- Plates and Shells

- Computational Models for Non-Homogeneous Shells and Membranes
(special session organised by: P. Boisse and M. Touratier)
- Tension Structures
- Steel Structures: Analysis and Design
- Virtual Experiments on Steel Structures (special session organised by: L. Dunai)
- Concrete Analysis and Modelling
- Reinforced Concrete Structures: Analysis and Design
- Timber Structures
- Composites: Analysis and Design
- Design and Analysis of Bridges
- Optimization

We should like to thank all the authors and co-authors of the papers included in this volume of proceedings. We are especially grateful to those who took the time and made the effort to participate in Prague.

Finally, we should like to thank the members of the Conference Editorial Board for their help before and during the conference: Professor H. Adeli, USA; Professor S. Ahmad, Bangladesh; Professor E. Alarcon, Spain; Professor F. Armero, USA; Dr H. Askes, Netherlands; Dr J.R. Banerjee, UK; Professor C. Baniotopoulos, Greece; Professor H.J.C. Barbosa, Brazil; Professor R.C. Barros, Portugal; Professor K.J. Bathe, USA; Professor J-L. Batoz, France; Professor J. Baugh, USA; Professor A.A. Becker, UK; Professor T. Belytschko, USA; Professor Z. Bittnar, Czech Republic; Dr J. Blachut, UK; Professor P. Boisse, France; Professor M. Bonnet, France; Professor R.I. Borja, USA; Dr P. Bouillard, Belgium; Professor M.A. Bradford, Australia; Professor D. Briassoulis, Greece; Professor M.L. Bucalem, Brazil; Dr J.W. Bull, UK; Professor J.S. Campbell, Ireland; Dr D. Chapelle, France; Professor W.F. Chen, USA; Professor G. Chian-dussi, Italy; Professor C. Cingini, Italy; Professor J.Y. Cognard, France; Professor R. de Borst, Netherlands; Professor G. De Roeck, Belgium; Professor I. Doltsinis, Germany; Professor L. Dunai, Hungary; Professor F. Erbatur, Turkey; Professor A. Eriksson, Sweden; Professor C. Felippa, USA; Professor D. Frangopol, USA; Professor J-C. Gelin, France; Dr U.A. Girhammar, Sweden; Professor R.V. Grandhi, USA; Professor D. Grierson, Canada; Professor P. Hajela, USA; Professor P. Hamelin, France; Professor H-J. Hardtke, Germany; Professor J. Herskovits, Brazil; Professor H. Hikosaka, Japan; Dr M. Hoit, USA; Professor A. Ibrahimbegovic, France; Professor D.L. Karabalis, Greece; Professor A. Kaveh, Iran; Professor U. Kirsch, Israel; Professor M. Kleiber, Poland; Professor V. Koumoussis, Greece; Professor B. Kroeplin, Germany; Dr Y.W. Kwon, USA; Professor P. Ladeveze, France; Professor K.L. Lawrence, USA; Professor R. Levy, Israel; Professor R. Lewandowski, Poland; Professor A. Liolios, Greece; Dr P.B. Lourenco, Portugal; Professor H.A. Mang, Austria; Professor V.K. Mathur, India; Professor I. May, UK; Dr E.S. Mistakidis, Greece; Professor C.A. Mota Soares, Portugal; Professor C.M. Mota Soares, Portugal; Professor G. Muscolino, Italy; Professor R. Ohayon, France; Professor E. Onate, Spain; Professor E. Papa, Italy; Professor M. Papadrakakis, Greece;

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We are particularly grateful for the efforts of: Professor P. Boisse, Dr L. Dunai and Professor M. Touratier who organised the special sessions.

Other papers presented at the conferences in 2002 are published as follows:

- *The Contributed Papers from ECT 2002 are published in:* Proceedings of the Third International Conference on Engineering Computational Technology, B.H.V. Topping and Z. Bittnar, (Editors), (Book of Abstracts and CD-ROM), Civil-Comp Press, Stirling, Scotland, 2002.
- *The Invited Lectures from CST 2002 are published in:* Computational Structures Technology, B.H.V. Topping and Z. Bittnar, (Editors), Saxe-Coburg Publications, Stirling, Scotland, 2002.
- *The Invited Lectures from ECT 2002 are published in:* Engineering Computational Technology, B.H.V. Topping and Z. Bittnar, (Editors), Saxe-Coburg Publications, Stirling, Scotland, 2002.

We both wish to acknowledge and express our gratitude to the conference sponsors:

- Czech Technical University, Prague
- International Journal of Computers & Structures (Elsevier Science Ltd)
- Advances in Engineering Software (Elsevier Science Ltd)

These Conferences could not have been organised without the contribution of many who helped in their planning, organisation and execution. We are particularly grateful to Jelle Muylle who once again, so expertly guided the design of the proceedings both printed and electronic. We are also grateful to the following staff and students of the Faculty of Civil Engineering at the Czech Technical University: Alexandra Kurfürstová, secretary of the Department of Structural Mechanics and PhD students Jitka Poděbradská, Richard Vondráček and Matěj Lepš.

Barry H.V. Topping and Zdeněk Bittnar