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**Trends in
Computational Structures
Technology**

Edited by
B.H.V. Topping and M. Papadrakakis



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Front cover: displacement fluctuation and stress distribution for an uniaxial problem with a heterogeneous microstructure.

Back cover: stress distribution for the tensile fracture of a “dog bone” shaped specimen. These images are reproduced courtesy of C.J. Pearce and Ł. Kaczmarczyk. For more information see Chapter 4.

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Preface

This volume comprises the Invited Lectures presented at The Ninth International Conference on Computational Structures Technology (CST 2008) held in Athens, Greece from 2 to 5 September 2008. The CST conference series began in Edinburgh during 1991. The 2008 conference was held concurrently with The Sixth International Conference on Engineering Computational Technology (ECT 2008). We are grateful to the authors and co-authors of these Invited Lectures included in this volume. Their contribution both to the Civil-Comp conferences and this book is greatly appreciated.

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