ARTIFICIAL INTELLIGENCE AND STRUCTURAL ENGINEERING

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B. H. V. TOPPING

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PREFACE

The papers included in this volume and its companion "Artificial Intelligence and Civil Engineering" (Civil-Comp Press, ISBN 0-948749-14-8, 1991) were presented at the Second International Conference on the Application of Artificial Intelligence to Civil and Structural Engineering, held at Exeter College, Oxford from 3rd to 5th September 1991.

The proceedings of the first conference in this series were published as "Artificial Intelligence Techniques and Applications for Civil and Structural Engineers" (Civil-Comp Press, ISBN 0-948749-13-X, 1989) and this volume included thirty six papers. Growing interest in the application of artificial intelligence, particularly neural networks and machine learning, to an increasing number of domains is reflected in the large number of papers in the two volumes.

I should like to thank all authors for their contributions and in particular those who travelled to Oxford to present their papers at the Conference.

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