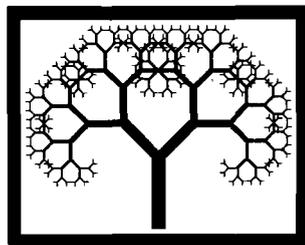


**ARTIFICIAL INTELLIGENCE
APPLICATIONS
IN
CIVIL AND STRUCTURAL
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*Edited by
B. Kumar and B.H.V. Topping*



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❖PREFACE❖

This volume contains a selection of papers presented at *The Seventh International Conference on Civil and Structural Engineering* and *The Fifth International Conference on the Applications of Artificial Intelligence to Civil and Structural Engineering*, held concurrently 13-15 September 1999, at Oxford, England. The papers in this volume include the following topics: Structural Engineering Knowledge Based Systems; Artificial Intelligence Based Tools in Structural Engineering; Knowledge Based and Decision Support Systems: Construction Engineering; Neural Networks for Civil Engineering; and Neural Networks in Civil Engineering. Other papers from the conferences are published in:

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Bimal Kumar and Barry Topping