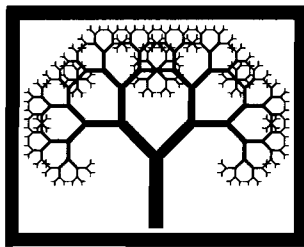


**COMPUTER TECHNIQUES  
FOR  
CIVIL AND STRUCTURAL  
ENGINEERING**



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*Edited by  
B.H.V. Topping and B. Kumar*



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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: Professional and Educational Issues; Structural Analysis; Analysis of Steel Structures; Analysis and Design of Connections; Fuzzy Analysis of Reinforced Concrete Structures; Analysis and Design of Structures subject to Special Loading Conditions; Earthquake and Seismic Problems; Analysis of Complex Structures and Materials; Analysis of Fluid Flow Problems; Construction Engineering; and Robotics. Other papers from the conferences are published in:

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Bimal Kumar and Barry Topping