

GEOMECHANICS AND CIVIL ENGINEERING 1990 – 1993

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Introduction

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All titles marked NEW are listed for the first time.

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Structural concrete

STRUCTURAL CO THEORY AND ITS A

A.S.G.Bruggeling - (This book presents a ne presented contains mar without having recours of using terms like rein limited, as well as parti chosen, viz. 'structural dures of structures in re concrete; Properties of sion member and the te concrete; Design of stri The practical application ples of different structu

90 6191 182 6

Concrete

PREFABRICATIO!

A.S.G.Bruggeling & (This book mainly deals and the connection betv presents important aspe with the manufacturing calculation of the impor and tie models; Enginee frames or structures in r used to connect beams v structures with their sup such a way that it can di detailers of prefabricate methods are discussed v recommendations.

90 6191 183 4

July

Concrete

NEW

INNOVATIVE WOL

international symposii Keynote lectures: The fi years experience in Euro concrete structures; Inno related to the modelling in orthotropic concrete b methods of rehabilitation bondless prestressing ter struction highway bridge 90 5410 246 2 July 19

A.A.Balkema, P.O.Box 1675, NL-3000 BR R

TIES AND TESTING METHODS

lected translations of Russian geotechnical

d by R.B.Zeidler

oils embodying different kinds of organoof low lithification. They incorporate both peat el deposits and marine mud. This geneticechanical group of organomineral soils is nce in the solid phase of hydrophilic compoaration and compressibility, the presence of low density and low bearing capacity. The as been formulated as an elaboration of a technical background for universal exploraal and hydrophysical properties and compowith establishment of theoretical fundamenndations for prediction of the behaviour of dewatering, and due to other effects. The en possible because of the many years of the derivation and extensive practical implementanimed at investigating the properties of soft with elaboration of special techniques for rain conditions under varying load. 1993 192 pp. Hfl.125 / \$70.00 / £46

ECTS OF RESTORATION WORKS ES AND MONUMENTS - Proceedings

December 1988

al. (eds.) - AIT, Bangkok

under 5 sections. The first section on ancient aments contains 8 valuable contributions lamage in the valley of the Kings, the Venice Lagoon, the ancient city of Kausambi Pakistan, the Buddhist temples in Thailand, monuments in Italy, Egypt, and South Africa. tures - Buildings and water tower; Risk s; Rehabilitation of dams; Materials.

384 pp.

Hfl.185 / \$105.00 / £69

SIAN GEOTECHNICAL CON-

s, Taipei, 16 - 20 April 1990

Technology, Bangkok, Thailand). Ground zation; Slope stability and landslides; y; Soft ground engineering; Engineering mapping; Deep foundations; Soil properties nd underground construction; etc.

2 vols.

Hfl.370 / \$210.00 / £137

Geotechnology

GEOTECHNICAL APPLICATION IN CIVIL ENGINEERING

R.N.P.Arogyaswamy - Mining Consultant, India

This book emphasizes the need for close and effective cooperation of all relevant geotechnical disciplines. These include engineering geology, engineering geophysics, soil and rock mechanics and civil and mining engineering. Although each of these is a recognised discipline in its own right, each one depends to a certain extent on the other for effective application to many engineering undertakings. The book discusses competently natural processes, such as weathering, sedimentation, seismotectonics, river and coastal mechanics and the hazards resulting from these. Methods of field and laboratory study of soils and clay minerals, field practices, and the role of geologists in engineering are also examined. (No rights India)

90 5410 208 X

January 1992

313 pp.

Hfl.125 / \$70.00 / £46

Geotechnology

DEVELOPMENTS IN GEOTECHNICAL ASPECTS OF EM-BANKMENTS, EXCAVATIONS AND BURIED STRUC-

TURES - Proceedings of the symposium held in 1988 and 1990 at Bangkok on underground excavations in soils and rocks, including earth pressure theories, buried structures and tunnels, and developments in laboratory and field tests in geotechnical engineering practice, respectively

A.S.Balasubramaniam et al. (eds.) - AIT, Bangkok

47 papers by experts on recent developments in geotechnical aspects of embankments, excavations and buried structures. For ease of reference, this volume has been divided into 5 sections: Laboratory & field tests; Embankments, excavations, slopes & earth retaining structures; Tunnels & buried structures; Soil & rock improvements; In situ investigation & selected topics. The majority of papers in the first section deal with 1g & centrifugal model tests, & they refer to a wide range of geotechnical problems. Papers in the second section refer to laboratory model tests & full-scale tests. A wide section of topics on buried pipelines & tunnels are covered in section 3. Papers in section 4 relate mainly to soil improvements. Section 5 is on site investigations as well as other selected topics. 90 5410 019 2 November 1991 608 pp. Hfl.245 / \$140.00 / £91

Geomechanics

GEOMECHANICS 91 - Proceedings of an international conference, Hradec/Ostrava, Czechoslovakia, 24 - 26.09. 1991

Z.Rakowski (ed.) - Mining Institute of Ostrava, Czechoslovakia The proceedings cover two main groups of papers: Stability problems with special attention to numerical methods and the latest achievements in water jet technology with special attention to rock cutting. Theoretical approaches and practical experience are presented parallelly. Significant contributions were done by famous scientists from around the world. This book will serve very good for those interested in non linear geomechanical problems & rapidly expanding water jet technology.

90 5410 039 7

March 1992

378 pp.

Hfl.135 / \$75.00 / £50