
土木学会論文集

No.364/III-4 1985.12

目次

招待論文

- 浚渫粘土による軟弱埋立地盤の性状とその予測
.....矢野弘一郎 1

委員会報告

- 孔内載荷試験法の現状と課題——指針化の試み——
.....土木学会岩盤力学委員会理論・試験小委員会 15

投稿論文

・論文・

- AE法による一次地圧の推定に関する基礎的研究
.....石橋孝治・小長井一男・御手洗良夫・松本嘉司 23
- トンネル設計のための支保と地山物性値に関する研究
.....土屋 敬 31
- 割れ目系地山のトンネル・空洞を対象とした地下水の三次元挙動の解析
.....百田博宣・佐藤邦明 41
- 注入薬液による固結砂の強度特性
.....米倉亮三・加賀宗彦 51
- 粘土シームの岩盤の力学挙動に及ぼす影響に関する研究
.....足立紀尚・八嶋 厚・松蔭茂男 61
- 低拘束圧下における砂質土の動的変形特性
.....奥村哲夫・成田国朝・大根義男 67
- 砂のような粒状体の構造、応力、運動則に関する準巨視的考察
.....飛田善雄・柳澤栄司 77
- 岩盤掘削刃の摩耗とハードフェーシング対策
.....室 達朗・深川良一 87
- グラベルパイルによる水平地盤の二次液化防止について
.....田中幸久・国生剛治・江刺靖行・松井家孝 97
- 載荷方法が花崗岩のカイザー効果に及ぼす影響
.....村山朔郎・道広一利・斉藤二郎・吉岡尚也 107
- 繰返し荷重を受けた飽和粘土の非排水せん断特性
.....安原一哉・平尾和年 113
- 二次圧密における粘性土の状態変化
.....赤井浩一・佐野郁雄 123
- 不攪乱まさ土のせん断特性と微視的考察
.....八木則男・矢田部龍一 133
- 2枚落し戸の実験からみたロックボルトの挙動
.....山本 稔・大野一昭 143
-

粘性土斜面の三次元安定解析	鶴飼恵三	153
斜面および土構造物の地震危険度の統計的解析	松尾 稔・板橋一雄	161
締固め砂杭の打設による海底隆起地盤の活用に関する研究	平尾寿雄・松尾 稔	169
沈下を考慮した上・下部構造一体システムの最適化に関する研究	松尾 稔・出村禧典	179
不攪乱泥炭の異方的せん断特性	山口晴幸・森 茂・大平至徳・木暮敬二	189
確率有限要素法による斜面安定解析	鈴木 誠・石井 清	199
ブロック理論による不連続性岩盤掘削時の安定性評価について	大西有三・長野恵一・藤川富夫	209
開端杭の内周面摩擦による支持力	西田義親・太田秀樹・松本樹典・栗原勝美	219
振動ローラを用いた現場締固めにおける密度予測に関する研究	畠昭治郎・建山和由・石澤利昭	229
・報 告・		
中掘り式推進工法における推力の推定とその低減対策	竹下貞雄	239
・ノ ー ト・		
繰返し载荷に伴う擬似過圧密粘土の特性	大原資生・松田 博・末岡光樹	249

PROCEEDINGS OF THE JAPAN SOCIETY OF CIVIL ENGINEERS

No.364 / III-4 December 1985

CONTENTS

Invited Paper

- Properties of Very Soft Ground Reclaimed by Dredged Marine Clay and Their Prediction
By Kouichirou YANO 1

Committee Report

- The State of the Arts on Borehole Loading Test
By Committee on Rock Mechanics J. S. C. E. Theory and Testing Method Subcommittee 15

Paper

• Paper •

- Fundamental Study for Estimation of Initial Geo-Stress using the Acoustic Emission
By Koji ISHIBASHI, Kazuo KONAGAI, Yoshio MITARASHI and Yoshiji MATSUMOTO 23
- Studies on the Parameters of Supports and Grounds for the Tunnel Design Program
By Takashi TSUCHIYA 31
- Three-Dimensional Groundwater Analysis of Tunnel and Cavern in Fractured Rock Ground with Weathered Layer
By Hironobu MOMOTA and Kuniaki SATO 41
- Strength Properties of Silicate-Grouted Sand
By Ryouzou YONEKURA and Munehiko KAGA 51
- Effect of Clayey Seam on Mechanical behavior of Rock Mass
By Toshihisa ADACHI, Atsushi YASHIMA and Shigeo MATSUKAGE 61
- Dynamic Deformation Characteristics of Sandy Soils under Low Confining Pressure
By Tetsuo OKUMURA, Kunitomo NARITA and Yoshio OHNE 67
- A Submacroscopic Consideration on Fabric, Stress and Kinematics of Granular Materials Like Sand
By Yoshio TOBITA and Eiji YANAGISAWA 77
- Wear of a Rock Excavating Tip and its Counterplan due to Hardfacing
By Tatsuro MURO and Ryoichi FUKAGAWA 87
- On Preventing Secondary Liquefaction of Level Ground using Gravel Piles
By Yukihisa TANAKA, Takaji KOKUSHŌ, Yasuyuki ESASHI and Iyetaka MATSUI 97
- The Kaiser Effect of Granite Caused by Various Loading Methods
By Sakuro MARAYAMA, Kazutoshi MICHIIHIRO, Jiro SAITO and Hisaya YOSHIOKA 107
- Undrained Shear of Soft Clay After a Cyclic Stress History
By Kazuya YASUHARA and Kazutoshi HIRAO 113
- Change in State of Cohesive Soil during Secondary Compression
By Koichi AKAI and Ikuo SANO 123
- A Microscopic Consideration on Shearing Characteristic of Decomposed Granite Soil
By Norio YAGI and Ryuichi YATABE 133
- Behavior of Rockbolts Found in the Experiments of Two Lowering Panels
By Minoru YAMAMOTO and Kazuaki OHNO 143
-

Three-Dimensional Stability Analysis of Cohesive Slopes	<i>By Keizo UGAI</i>	153
Study on Seismic Risk Analysis of Slopes and Earth Structures	<i>By Minoru MATSUO and Kazuo ITABASHI</i>	161
Study on Upheaved Ground Generated by Sand Compaction Piles	<i>By Hisao HIRAO and Minoru MATSUO</i>	169
Study on Optimization for System Reliability of Soil-Supported Structure Subject to Settlement	<i>By Minoru MATSUO and Yoshinori DEMURA</i>	179
Anisotropic Shear Characteristics of Undisturbed Peat	<i>By Hareyuki YAMAGUCHI, Shigeru MORI, Yoshinori OHIRA and Keiji KOGURE</i>	189
Probabilistic Finite Element Method for Slope Stability Analysis	<i>By Makoto SUZUKI and Kiyoshi ISHII</i>	199
Evaluation of Stability of Excavated Jointed Rock Mass by Block Theory	<i>By Yuzo OHNISHI, Keiichi NAGANO and Tomio FUJIKAWA</i>	209
Bearing Capacity due to Plugged Soil in Open-Ended Pipe Pile	<i>By Yoshichika NISHIDA, Hideki OHTA, Tatsunori MATSUMOTO and Katsumi KURIHARA</i>	219
Previous Evaluation of Dry Density of the Soil Compacted by Vibratory Rollers in Construction Field	<i>By Shojro HATA, Kazuyoshi TATEYAMA and Toshiaki ISHIZAWA</i>	229
Estimation of the Thrust in Pipe Jacking with Inner Excavation System and the Methods to Cut Down its Value	<i>By Sadao TAKESHITA</i>	239
• Technical Note •		
Characteristics of Quasi-Overconsolidated Clay Induced by Cyclic Loading	<i>By Sukeo O-HARA, Hiroshi MATSUDA and Kouki SUEOKA</i>	249
