

شبكة المعلومات الجامعية







شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

## جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

### قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها على هذه الأفلام قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار في درجة حرارة من ١٥-٥٠ مئوية ورطوبة نسبية من ٢٠-٠٠% To be Kept away from Dust in Dry Cool place of 15-25- c and relative humidity 20-40%



# بعض الوثائـــق الإصليــة تالفــة



# بالرسالة صفحات لم ترد بالإصل

#### PROPERTIES AND CALSSIFICATION OF WEAK ROCKS

Ву

#### Eng. Deyab Ragab Gamal El-Dean

(B. Sc., Menofia Univ., 1993)



A Thesis Submitted to the
Faculty of Engineering at Cairo University
in Partial Fulfillment of the
Requirements for the Degree of

MASTER OF SCIENCE

in

CIVIL ENGINEERING

FACULTY OF ENGINEERING, CAIRO UNIVERSITY

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#### Under the supervision of

Prof. Dr. Hany A. Lotfy Prof. Dr. Amira Abdel-Rahman

Prof. of Soil Mech. and Prof. of Soil Mech. and

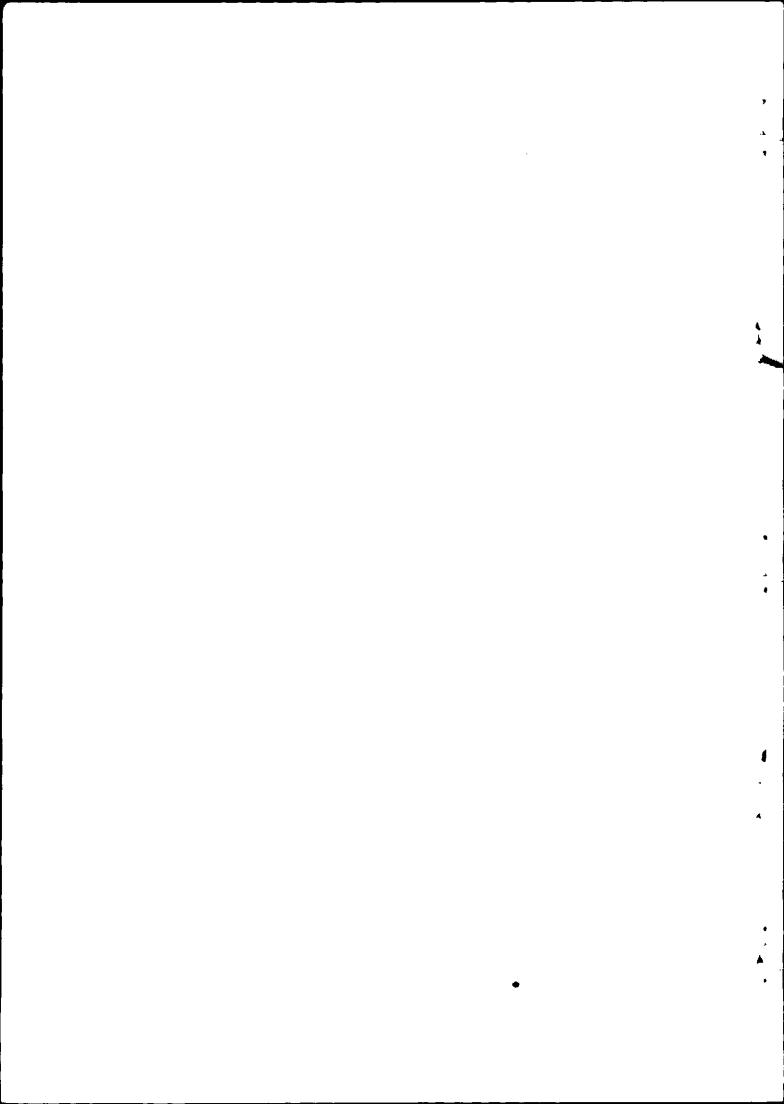
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Approved by the

**Examining Committee:** 

Prof. Dr. Mohamed Ebrahim Amer

Prof. Dr. Amr Mohamed Radwan

Prof. Dr. Hany Abdel-Latif Lotfy

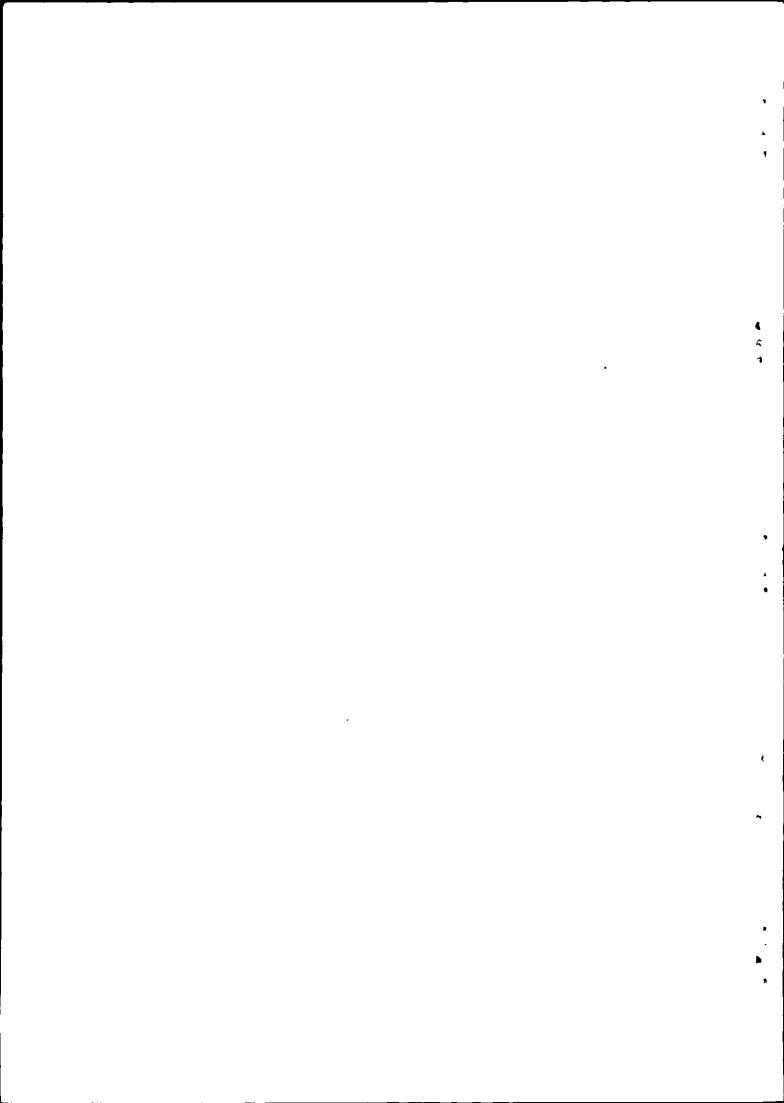
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In the name of ALLAH,

The Beneficent, The Merciful

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To my parents

To promising engineers

