



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





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شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of
15 – 25c and relative humidity 20-40 %



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بعض الوثائق الأصلية تالفة



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بالرسالة صفحات
لم ترد بالأصل

**3 D FINITE ELEMENT STUDY
OF THE BEHAVIOR OF STONE COLUMNS**

By

Wael Mohamad Saleh

B.Sc. in Civil Engineering

Damascus University

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

PUBLIC WORKS

**FACULTY OF ENGINEERING, CAIRO UNIVERSITY
GIZA, EGYPT**

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Supervised by

Prof. Dr. Magda M. Abdel-Rahman

Prof. Dr. Mohamed A. El-Khouly

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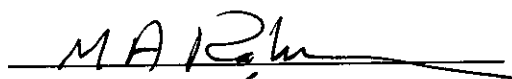
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Examining Committee:

Prof. Dr. Magda M. Abdel-Rahman



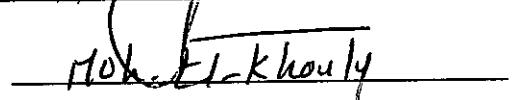
Prof. Dr. Hany A. Lotfy



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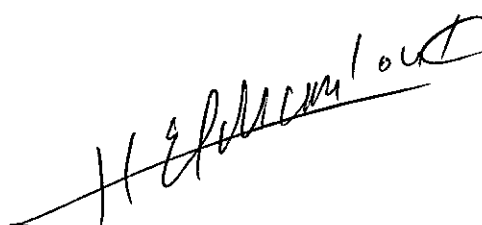


Prof. Dr. Mohamed A. El-Khouly



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