



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



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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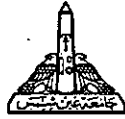
بعض الوثائق الأصلية تالفة



شبكة المعلومات الجامعية



بالرسالة صفحات
لم ترد بالأصل



Ain Shams University
Faculty of Engineering

Elasto-plastic Three Dimensional Analysis of Shielded Tunnels, with Special Application on Greater Cairo Metro

By

Sayed Mohamed El-Sayed Mohamed Ahmed

B. Sc., Civil Engineering "Structural" - Hon. (1993)

M. Sc., Civil Engineering "Structural" - (1998)

Ain Shams University - Faculty of Engineering

**SUBMITTED IN PARTIAL FULFILLMENT
FOR THE REQUIREMENTS OF THE DEGREE OF
DOCTOR OF PHILOSOPHY**

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Cairo - 2001

B202E

بسم الله الرحمن الرحيم

"ألم تر كيف ضرب الله مثلا كلمة طيبة كشجرة طيبة أصلها ثابت
و فرعها فى السماء ، تؤتى أكلها كل حين بإذن ربها و يضرب الله
الأمثال للناس لعلهم يتذكرون"

صدق الله العظيم

سورة إبراهيم (٢٤ ، ٢٥)

EXAMINING COMMITTEE

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STATEMENT

This dissertation is submitted to Ain Shams University for the degree of Doctor of Philosophy in Civil Engineering (Structural).

The work included in this thesis was carried out by the author in the Department of Structural Engineering, Ain Shams University from 1998 to 2001.

No part of this thesis has been submitted for a degree or qualification at any other university or institution.

Date : 8 / 4 / 2001

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