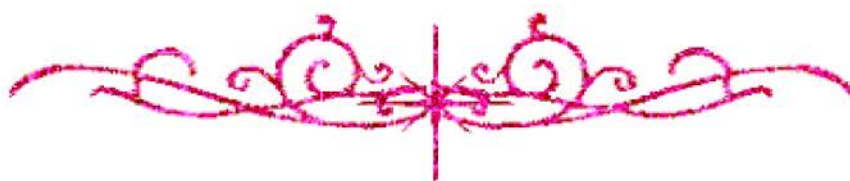


سامية محمد مصطفى



شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



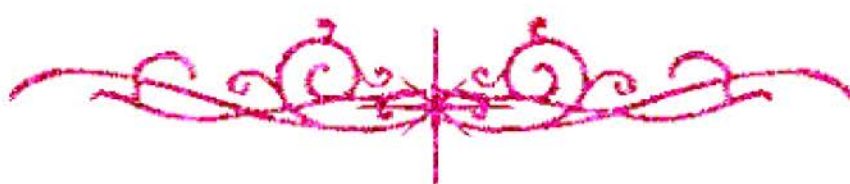
سامية محمد مصطفى



شبكة المعلومات الجامعية



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



سامية محمد مصطفى



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

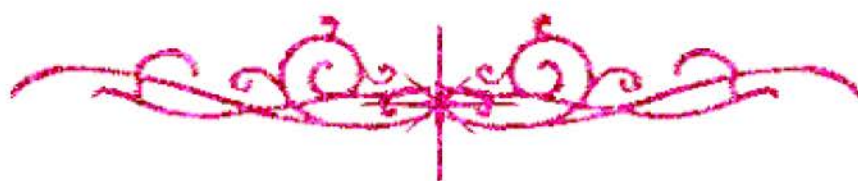
قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



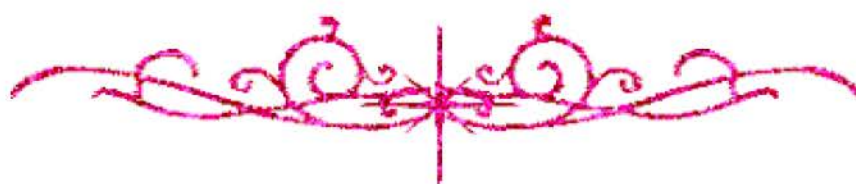
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بعض الوثائق الأصلية تالفة



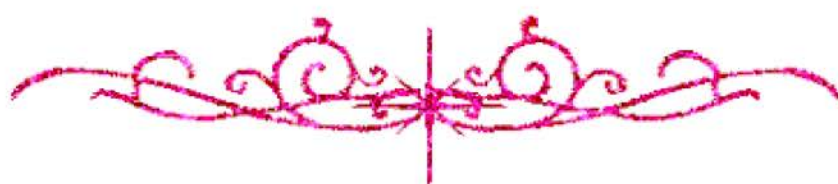
سامية محمد مصطفى



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بالرسالة صفحات لم ترد بالأصل



**A NEW APPROACH FOR NONLINEAR ANALYSIS OF
REINFORCED CONCRETE STRUCTURES USING LATTICE
ELEMENT METHOD**

By

Ismail Mohamed Ismail Mohamed

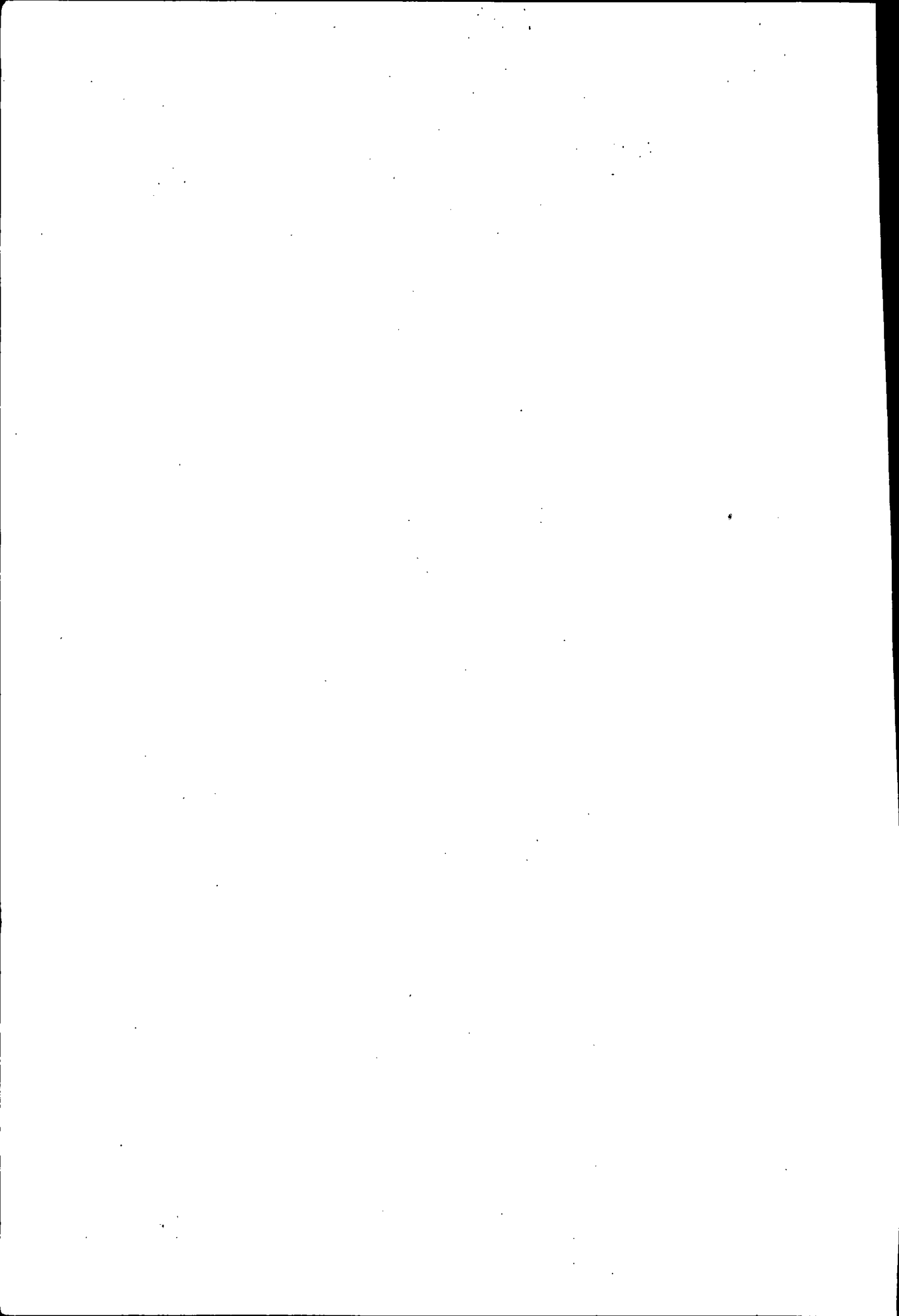
B.Sc. in Civil Engineering – Cairo University (1998)

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Supervised by
Prof. Dr. Nabil Abdel Badie Yehia
Professor of Concrete Structures, Faculty of Engineering, Cairo University

Dr. Hatem Sayed Abdel Aziz Tagel-Din
Assistant Professor of Structures, Faculty of Engineering, Cairo University

Faculty of Engineering, Cairo University
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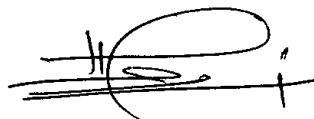
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Approved by the Examining Committee:

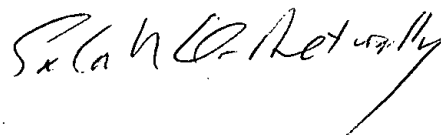
Prof. Dr. **Nabil Abdel Badie Yehia**, Thesis Main Advisor



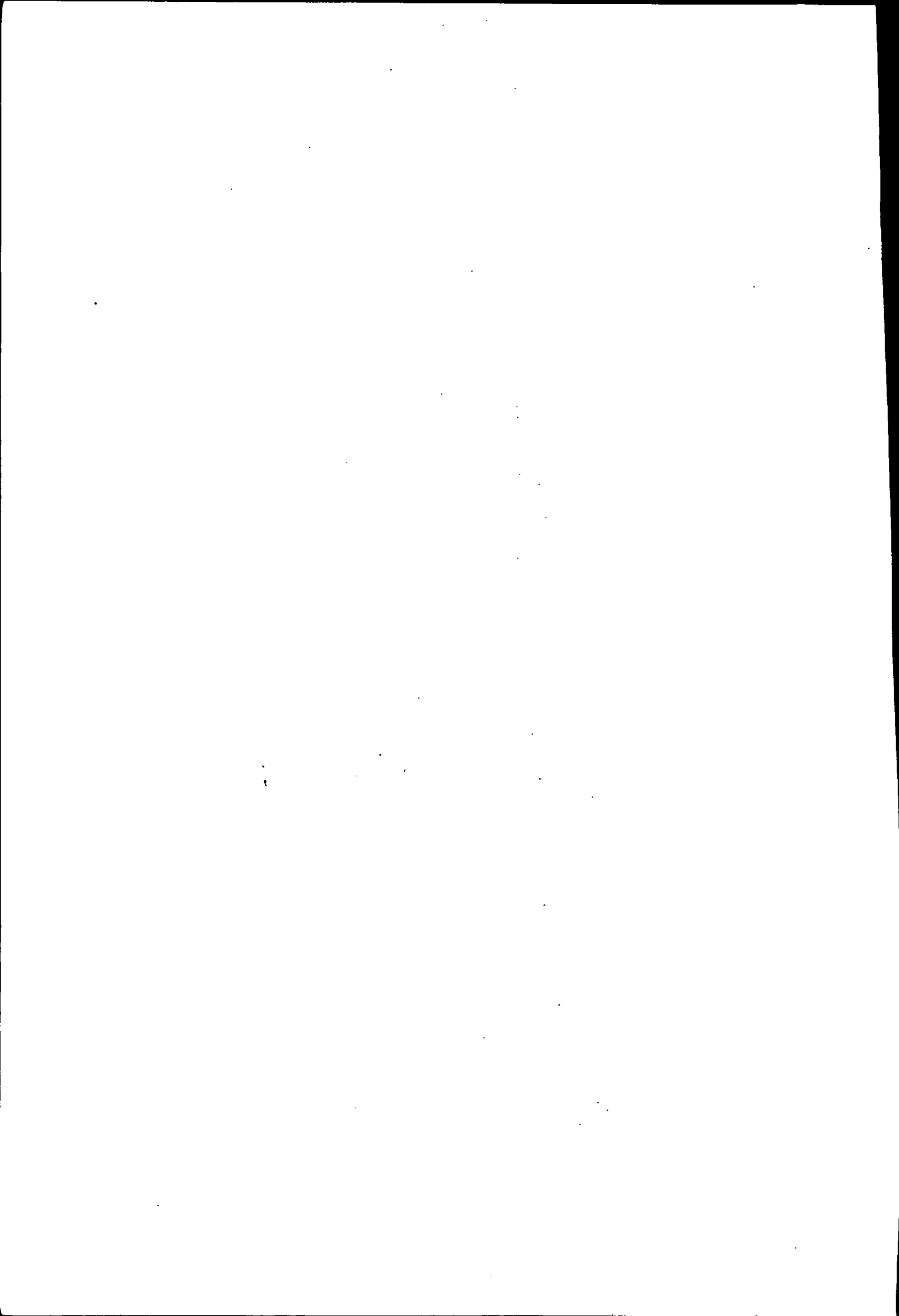
Prof. Dr. **Ashraf H. El-Zanaty**, Member



Prof. Dr. **Salah El-Din E. El-Metwally**, Member



Faculty of Engineering, Cairo University
Giza, Egypt
2004





الْحَمْدُ لِلَّهِ رَبِّ الْعَالَمِينَ

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
ACKNOWLEDGMENT

The most thanks and prayers are to Allah. Without his merci and guidance I would have never done this work. I pray to Allah to put this work in my rewards at the end. I also offer this work for the service of humanity as a whole.

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