سامية محمد مصطفى

شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم

سامية محمد مصطفى

شبكة المعلومات الجامعية

شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم

شبكة المعلومات الجامعية

سامية محمد مصطفى

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

سامية محمد مصطفى

شبكة المعلومات الجامعية

بعض الوثائق الأصلية تالفة

سامية محمد مصطفى

شبكة المعلومات الجامعية

بالرسالة صفحات لم ترد بالأصل

HETEROGENEOUS CATALYZED INDUCED OXIDATION OF SOME ORGANIC POLLUTANTS

A THESIS

Submitted to Tanta University
In partial fulfillment for the degree of Master of Science
(Chemistry)

By

Rehab Galal El- Sharkawy
B. Sc. (Chemistry) 1999

Supervisors

Prof. Dr. Ahmed B. Zaki
Professor of Physical Chemistry

Dr. Ali H. Gemeay
Assistant Professor of Physical Chemistry

Dr. Ekhlas A. Mansour
Lecturer of Inorganic Chemistry

Department of Chemistry
Faculty of Science
Tanta University
2002

بسم الله الرحمن الرحيم

قالوا سبحانك لا علم لنا

إلا ما علمتنا إنك أنت العليم الحكيم

صدق الله العظيم

سورة البقرة (32)

To my parents,

my sisters

my brother

and Sama, my sister's daughter

SUPERVISORS

1- Prof. Dr. Ahmed B. Zaki

Professor of Physical Chemistry, Department of Chemistry, Faculty of Science, Tanta University.

2- Dr. Ali H. Gemeay

Assistant Professor of Physical Chemistry, Department of Chemistry, Faculty of Science, Tanta University.

3- Dr. Ekhlas A. Mansour

Lecturer of Inorganic Chemistry, Department of Chemistry, Faculty of Science, Tanta University.

Head of Chemistry Department

(Prof. Dr. M. M. Abou Sekkina)

Curriculum Vitae

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COURSES

The candidate has studied postgraduate courses for one calendar year in the division of physical and inorganic chemistry. The courses cover the following topics.

1- Chemical kinetics
2- Electrochemistry
3- Coordination and inorganic chemistry.
4- Solid state and superconductor chemistry.
5- Molecular spectroscopy
6- Advanced Heterocyclic chemistry.
7- Physical organic chemistry .
8- Organo metallic compounds.
9- Organic reaction mechanism.
10- Instrumental analysis.
11- German language

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Head of Chemistry Department

(Prof. Dr. M. M. Abou Sekkina)

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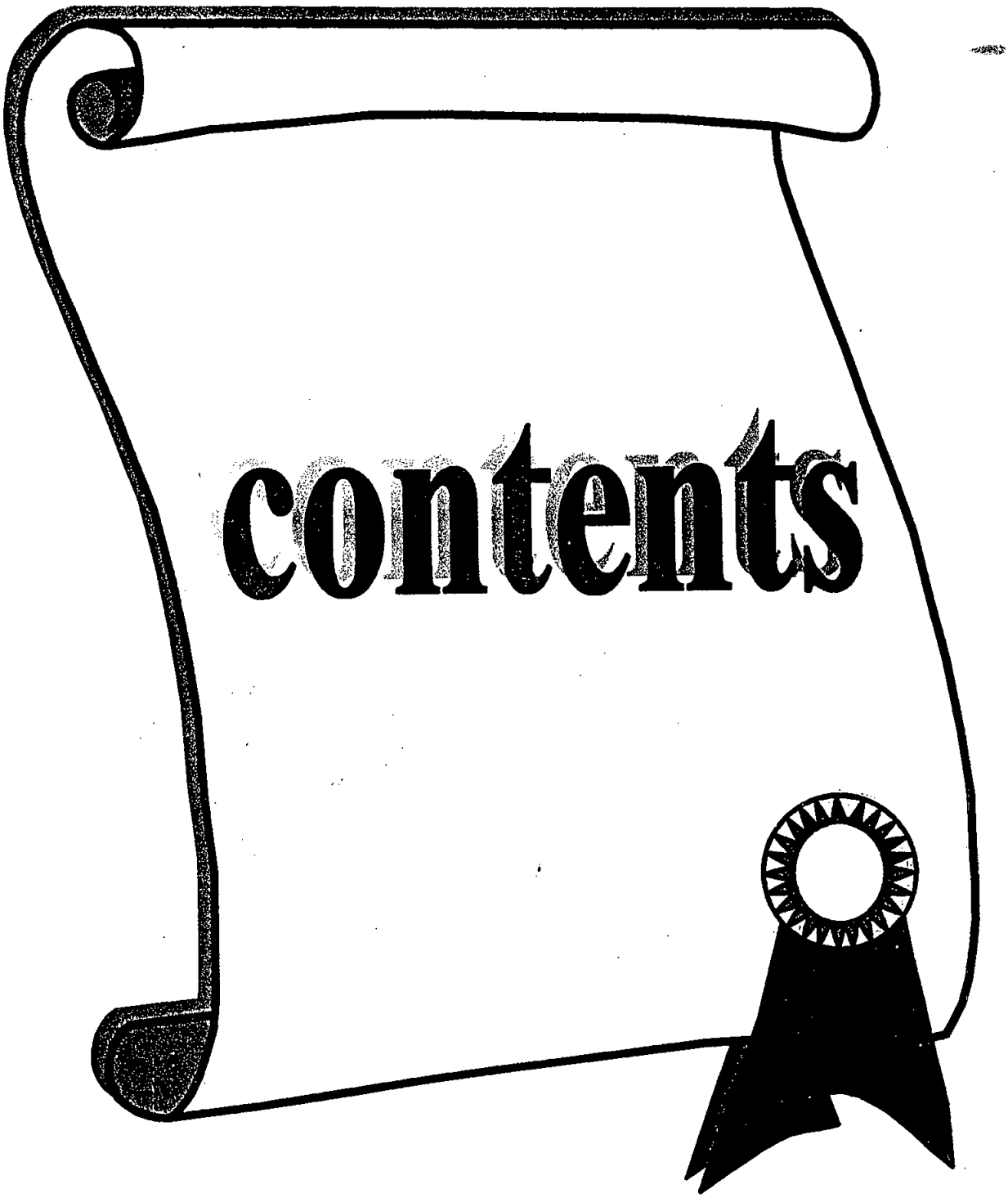
Before all and above all thanks to God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