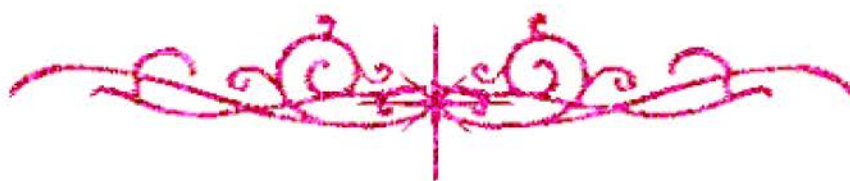


سامية محمد مصطفى



شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



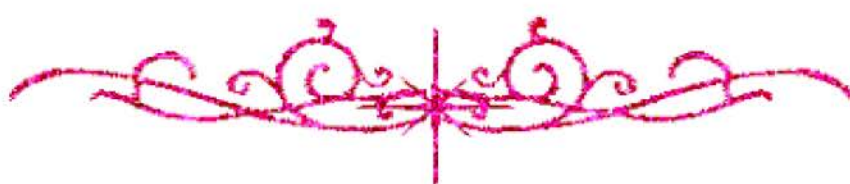
سامية محمد مصطفى



شبكة المعلومات الجامعية



شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



سامية محمد مصطفى



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

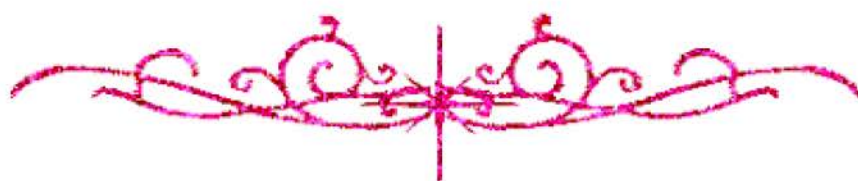
قسم

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



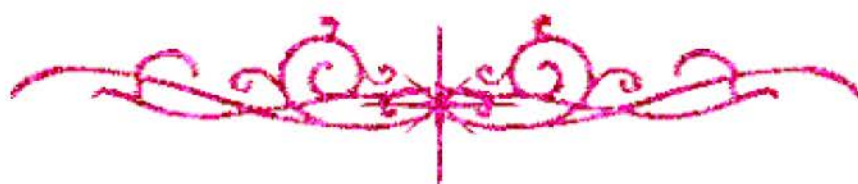
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بعض الوثائق الأصلية تالفة



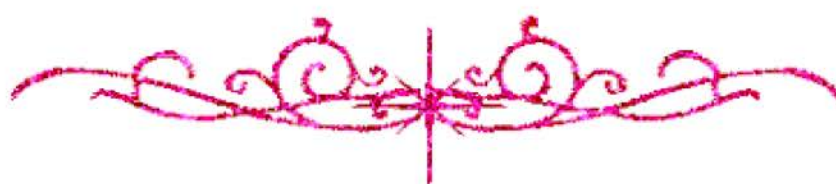
سامية محمد مصطفى



شبكة المعلومات الجامعية



بالرسالة صفحات لم ترد بالأصل



**PREDICTION OF ARTIFICIAL SATELLITE
MOTION UNDER THE OBLATENESS AND
ATMOSPHERIC DRAG EFFECTS**

A thesis

Submitted in Partial Fulfilment

of

*The Requirements for the Award of the
Degree of Master of Science*

in

《 Applied Mathematics 》

By

Sobhy Eid Aly Eid Abd EL-Bar

Demonstrator in the Faculty of Science, Tanta University.

B. Sc. Science (Mathematics) 1995

Department of Mathematics

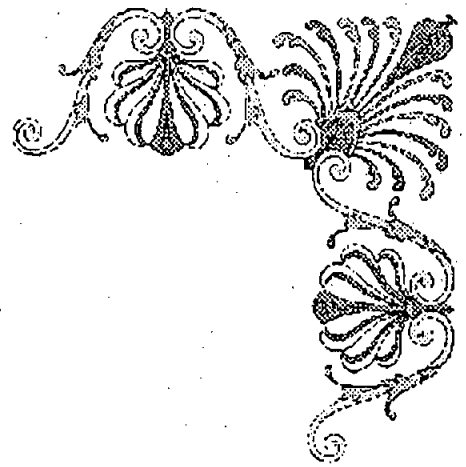
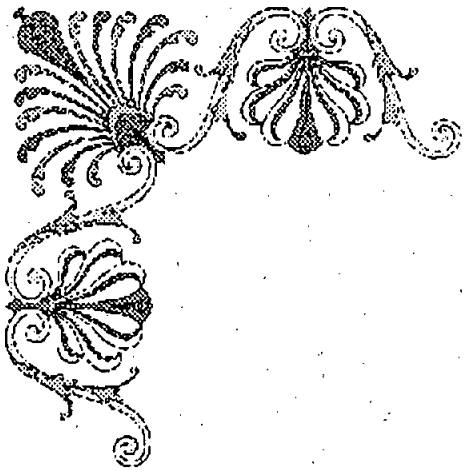
Faculty of Science

Tanta University

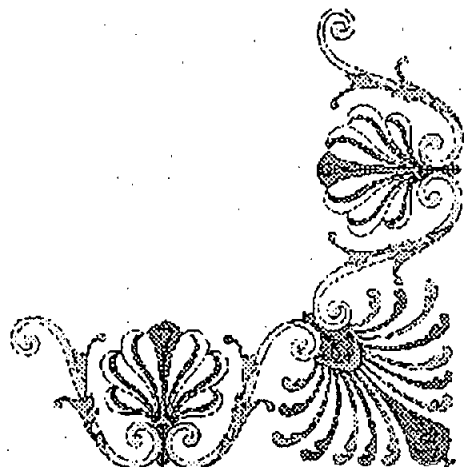
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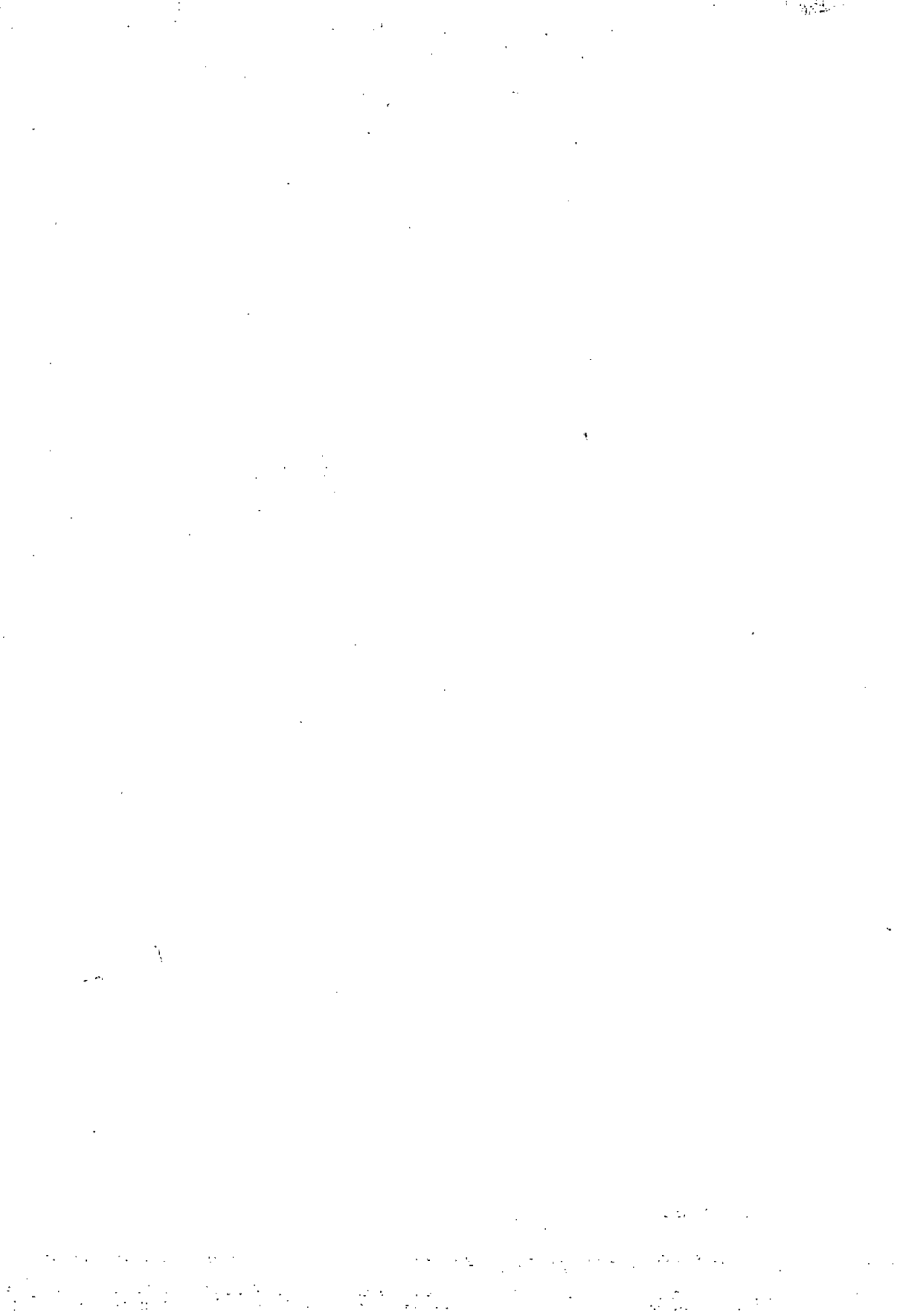
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





SUPERVISORS

Prof. Dr.

Mohammed Omar Shaker

Professor of Applied Mathematics,
Faculty of Science,
Tanta University

Prof. Dr.

Mervat EL-Said Awad

Professor of Celestial Mechanics,
Faculty of Science,
Cairo University

Prof. Dr.

Ahmed EL-Melegy Mahfoz

Assistant Professor of Applied Mathematics,
Faculty of Science,
Tanta University

Head of Mathematics Department

E. EL-Kholy

(Prof. Dr. E. M. El-Kholy)

POST-GRADUATE STUDIES

The present thesis is submitted in Partial Fulfilment of the requirements for the award of the degree of the Master of Science in Pure Mathematics.

Beside the research work introduced in this thesis, the candidate has attended five postgraduate courses within two years including the following topics :

1- Quantum Mechanics (1).

2- Quantum Mechanics (2).

3- Fluid Dynamics.

4- Theory of Elasticity.

5- German Language.

The applicant Sobhy Eid Aly Eid Abd EL-Bar had successfully passed the final examinations (1997-1998) of these courses.

Head of Mathematics Department
E. EL-Kholy
(Prof. Dr. E. M. El-Kholy)

CURRICULUM VITA

Name : Sobhy Eid Aly Eid Abd EL-Bar
Date of Birth : 1 / 12 / 1971
Location : Bassun-Kafr Nasser
Nationality : Egyptian.
Qualification : B. Sc. Degree in Mathematics (1995),
with grade " Very good " Faculty of Science,
Tanta University.
Present State : Demonstrator in the Faculty of Science,
Tanta University

Head of Mathematics Department

E. EL-kholy

(Prof. Dr. E. M. El-Kholy)

