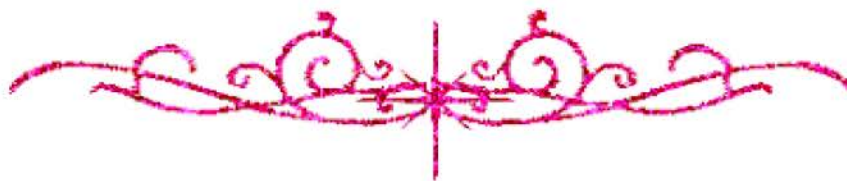


# بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





# شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



# جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

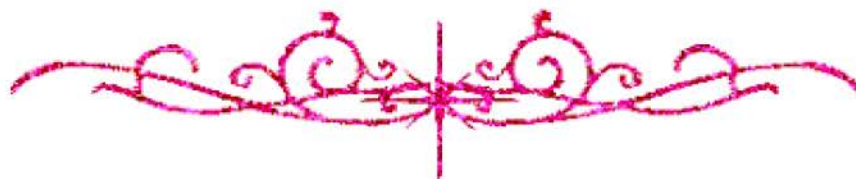
## قسم

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



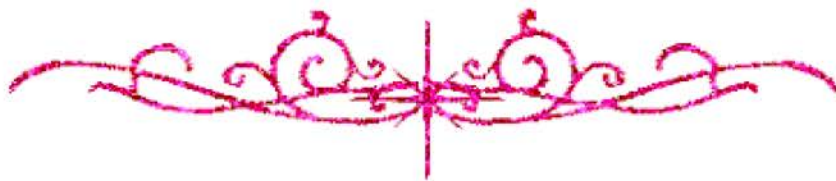
## يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



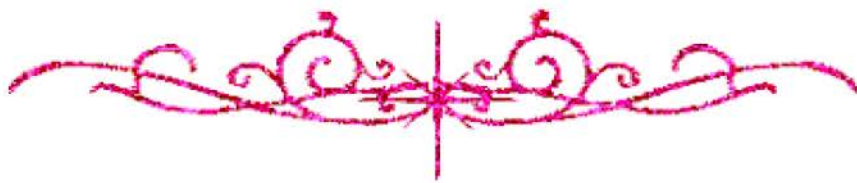


# بالرسالة صفحات لم ترد بالأصل





# بعض الوثائق الأصلية تالفة



MINOUFIYA UNIVERSITY  
FACULTY OF SCIENCE  
GEOLOGY DEPARTMENT

B11279



# GEOPHYSICAL STUDIES OF SUBSURFACE STRUCTURES AND GROUNDWATER POTENTIALITIES IN BILBIES AREA-EGYPT

A THESIS  
SUBMITTED  
TO

THE DEPARTMENT OF GEOLOGY - FACULTY OF SCIENCE - MINOUFIYA  
UNIVERSITY FOR PARTIAL FULFILLMENT OF THE REQUIREMENTS OF  
THE MASTER DEGREE OF SCIENCE IN GEOPHYSICS

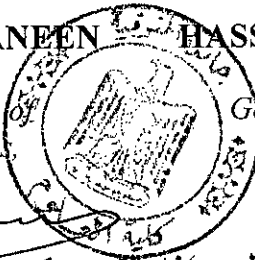
BY  
**USAMA SAAD ABDEL-HAMEED MASSOUD**  
B.SC. IN GEOLOGY (1989)

SUPERVISED BY

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*National Research Institute of*  
*Astronomy and Geophysics,*  
*Helwan*

*A. R. Hassaneen*

أستاذ الجيوفيزياء بكلية علوم عين شمس  
أستاذ الجيوفيزياء بكلية علوم قناة السويس  
أستاذ الجيوفيزياء بالمعهد القومي للبحوث  
الفلكية والجيوفيزيقية  
أستاذ الجيوفيزياء المساعد بكلية علوم المنوفية



لجنة التحكيم

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أ.د/ العربي هندي شادي  
أ.د/ عبدالراضي تريبج حسانين

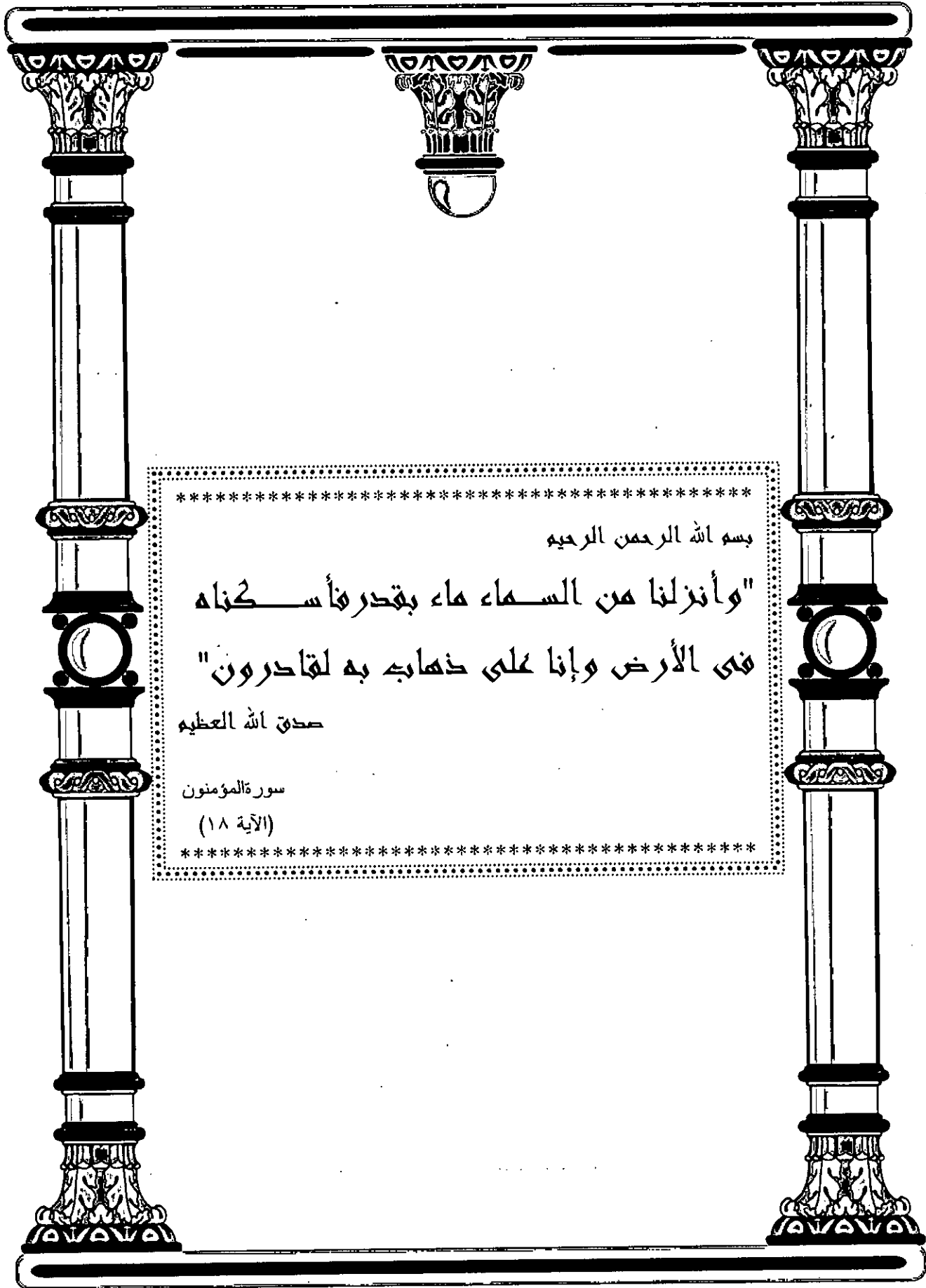
د/ حسن محمد الشايبه

December  
(2002)

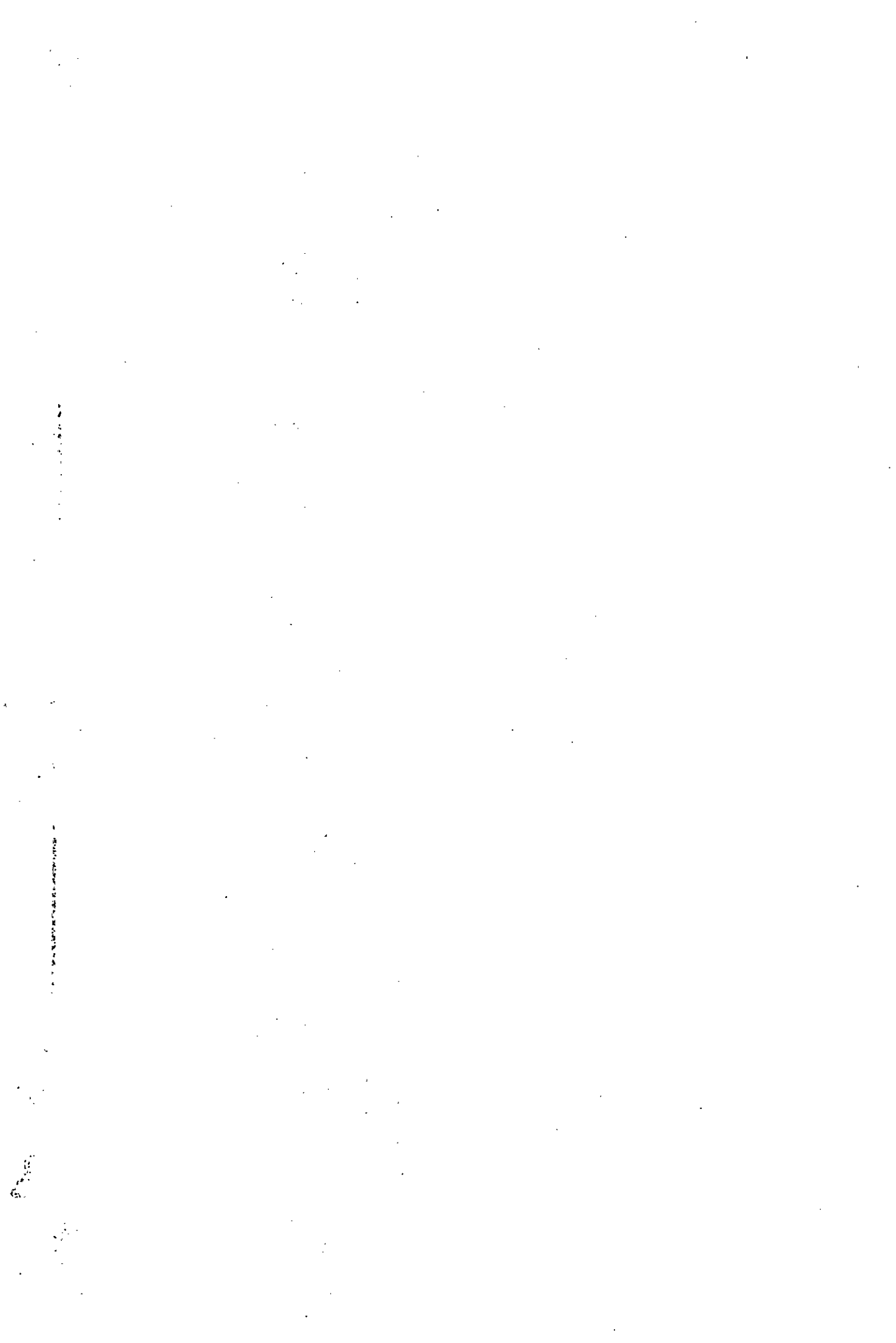
**Minoufiya University**  
**Faculty of Science**  
**Post-graduate Affairs**

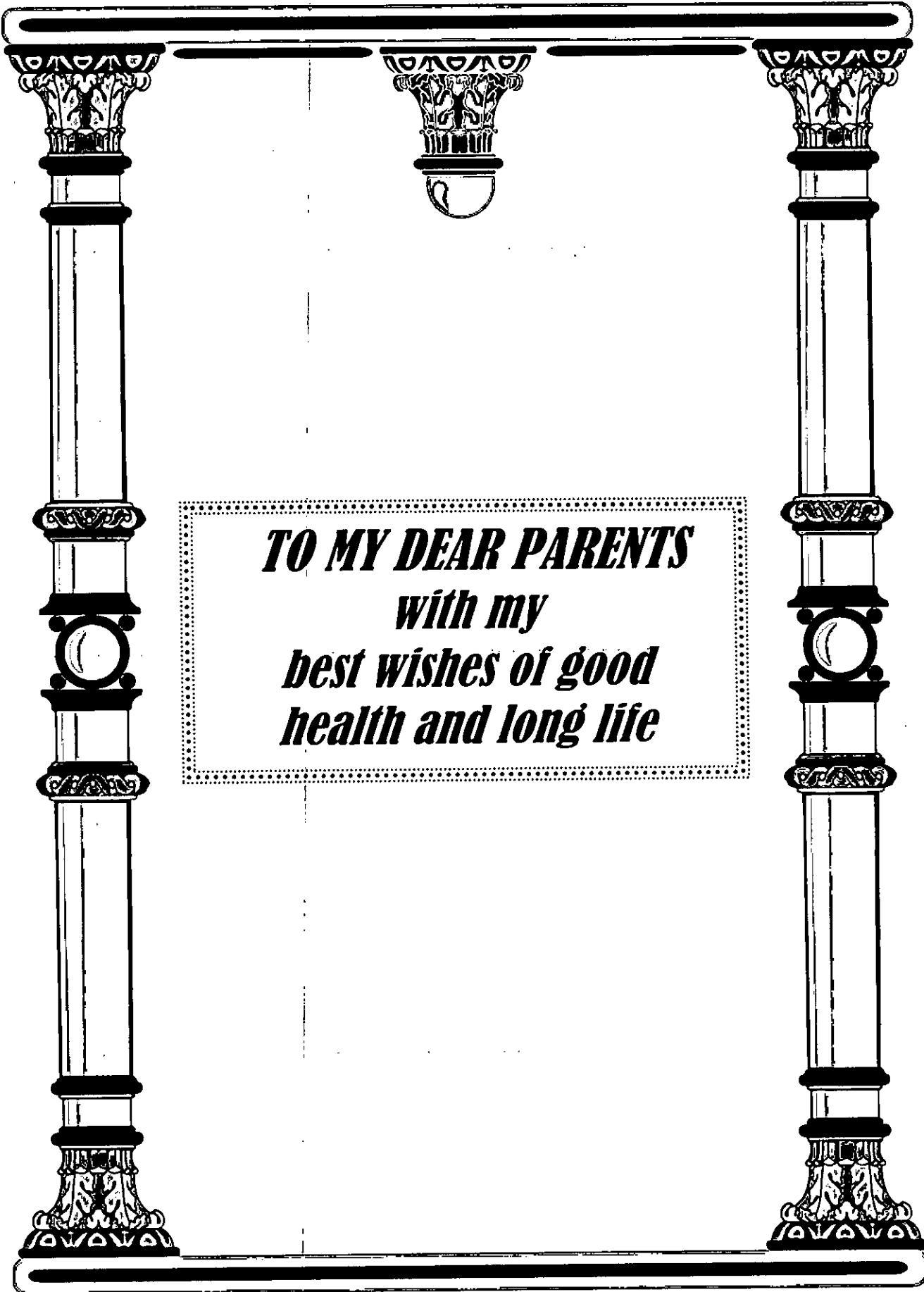
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East-Grain  
Faculty of Science  
Minnipeg University

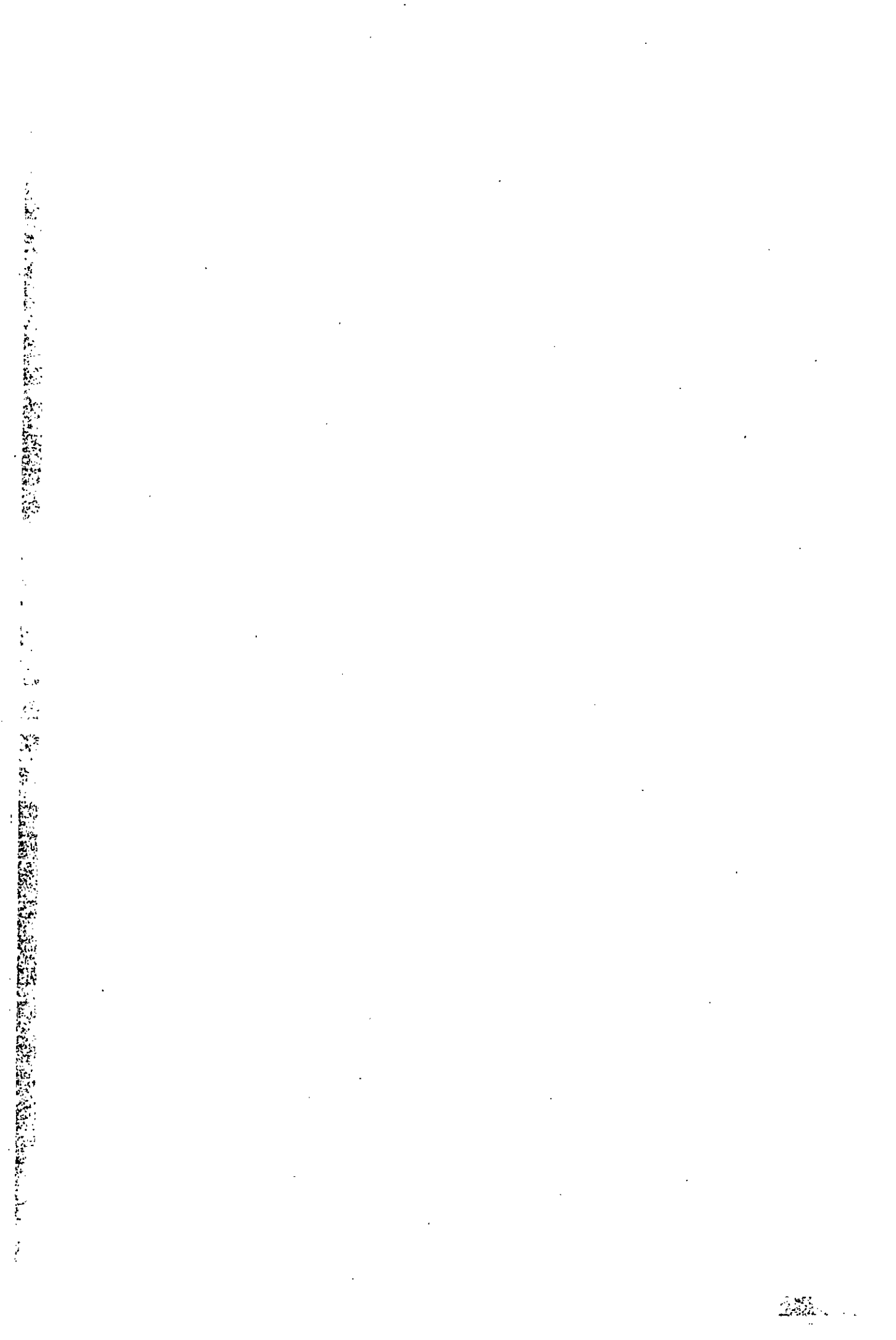


\*\*\*\*\*  
بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ  
"وَأَنْزَلْنَا مِنَ السَّمَاءِ مَاءً بِقَدَرٍ فَأَسْكَنَاهُ  
فِي الْأَرْضِ وَإِنَّا عَلَى ذَهَابِهِ لَتَقَادِرُونَ"  
صدق الله العظيم  
سورة المؤمنون  
(الآية ١٨)  
\*\*\*\*\*





***TO MY DEAR PARENTS***  
*with my  
best wishes of good  
health and long life*



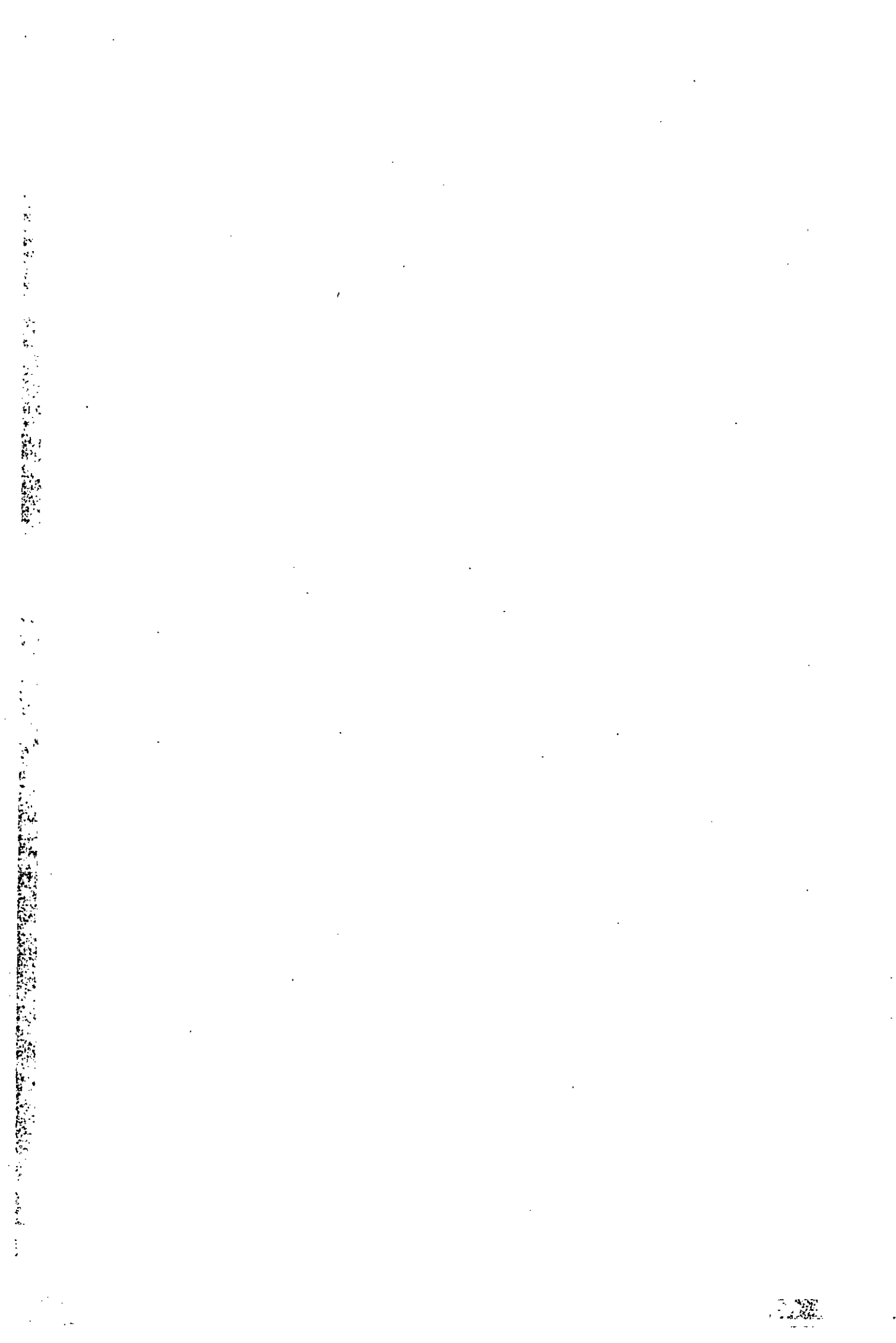
## STATEMENT

The present thesis is submitted to the Faculty of Science, Minoufiya University, in partial fulfillment of the requirements for the degree of Master of Science in Geophysics.

Beside the research work materialized in this thesis, the candidate has attended eleven postgraduate courses for one academic year in the following topics.

- 1-Remote sensing.
- 2-Seismology.
- 3-Geophysical exploration methods.
- 4-Well logging.
- 5-Statistics.
- 6-Computer.
- 7-English.
- 8-Goelectric.
- 9-Advanced structure geology.
- 10-Data processing.
- 11-Mathematics.

He has successfully passed the final examination of these courses.



## ACKNOWLEDGEMENT

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**Usama Saad Abdel-Hameed**

