



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



شبكة المعلومات الجامعية  
@ ASUNET



# شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم





شبكة المعلومات الجامعية

# جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

## قسم

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



## يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار

في درجة حرارة من ١٥-٢٥ مئوية ورطوبة نسبية من ٢٠-٤٠%

To be Kept away from Dust in Dry Cool place of  
15-25- c and relative humidity 20-40%

# بعض الوثائق الأصلية تالفة

# بالرسالة صفحات لم ترد بالاصل





Ain Shams University  
Faculty of Engineering

**MODELING OF GROUNDWATER FLOW IN FRACTURED ROCK  
AQUIFERS**

By

**Eng. HODA KAMAL SOUSSA**  
(B.SC. Civil Engineering - Ain Shams University)

A Thesis Submitted in Partial Fulfillment  
of the Requirement for the Degree of  
**MASTER OF SCIENCE**  
**IN CIVIL ENGINEERING**

Supervised by

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**بسم الله الرحمن الرحيم**

**و ان من الحجارة لما يتفجر منه الانهار و ان منها لما يشفق فيخرج  
منه الماء و ان منها لما يهبط من خشية الله**

**صدق الله العظيم**



***To my family and my professors  
with only your help I have accomplished this study***



