



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



شبكة المعلومات الجامعية  
@ ASUNET



# شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



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

# **HYDRAULIC ROUGHNESS OF EGYPTIAN CANALS AND ITS EFFECT ON THE FLOW**

B5703

**BY**

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**AIN SHAMS UNIVERSITY**

**1997**



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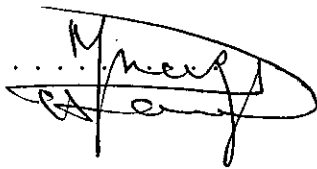
وَجَعَلْنَا لِكُلِّ شَيْءٍ حَقًّا



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## STATEMENT

- This thesis is submitted to Ain Shams University for the degree of Doctor of Philosophy in Civil Engineering .
- The work included in this thesis was carried out by the author in the Department of Irrigation & Hydraulics, Ain Shams University, From December 1994 to April 1997.
- No Part of this thesis has been submitted for the degree or qualification at any other University or Institution.

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