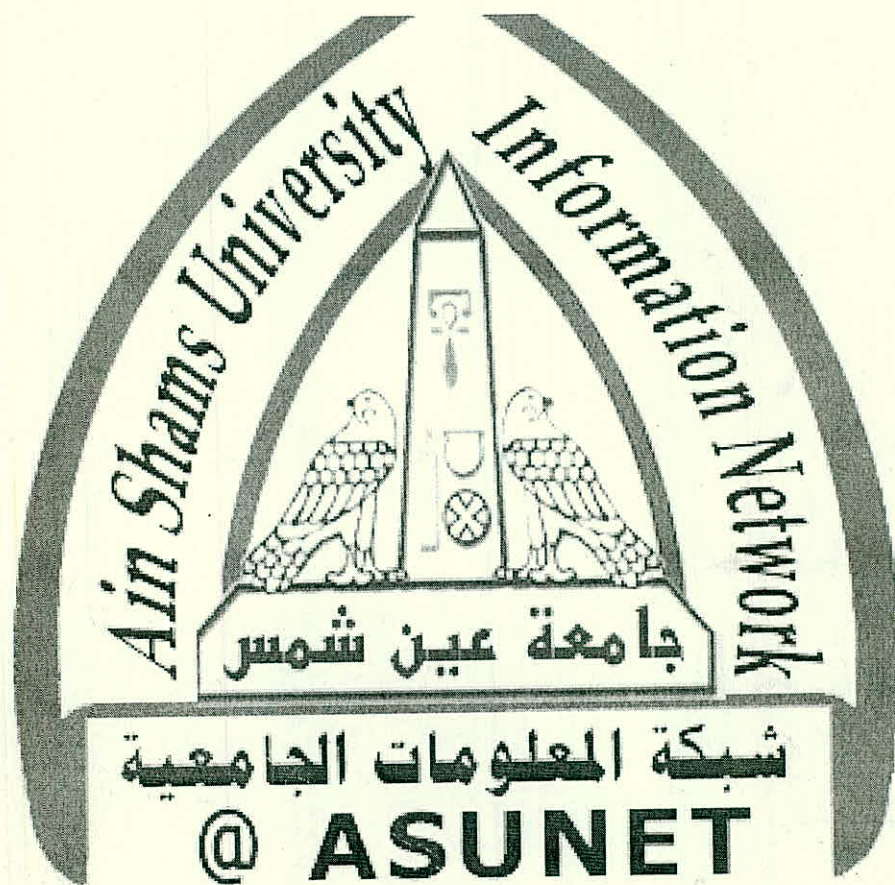




شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



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  
على هذه الأفلام قد أعدت دون أية تغيرات



## يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of  
15 – 25c and relative humidity 20-40 %



شبكة المعلومات الجامعية



بالرسالة صفحات

لم ترد بالأصل





شبكة المعلومات الجامعية



# بعض الوثائق الأصلية تالفة

Ain Shams University  
Faculty of Engineering

# FLOW UNDER SLUICE GATES

BY

NEVEEN YOUSIF SAAD

(B.Sc. Civil Eng.- 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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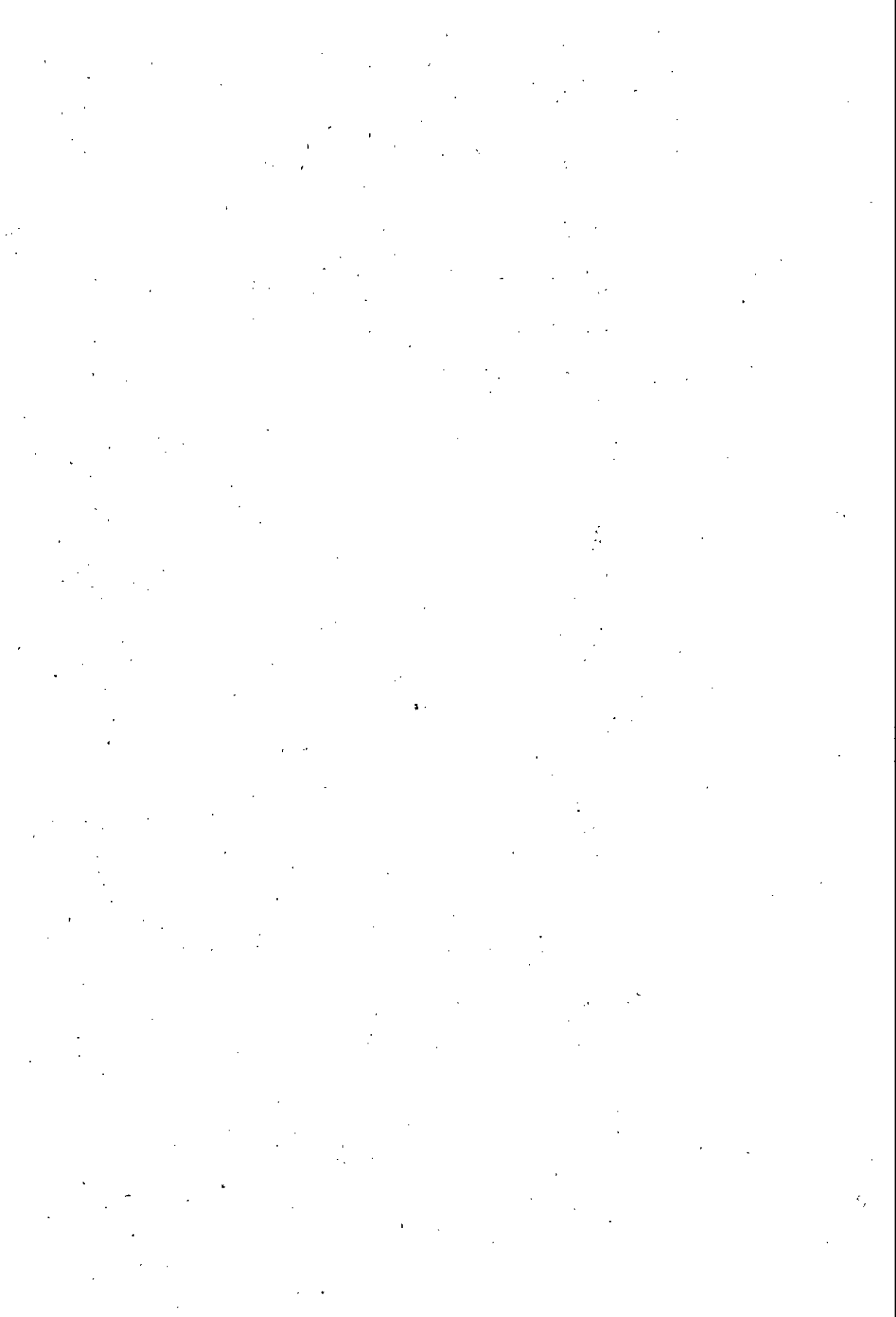
Dr. ESSAM ABD EL- HAFIZ

Assoc.Professor, Irrigation and Hydraulic Dept.  
Faculty of Engineering- Ain Shams University

CAIRO, EGYPT

1996

B  
2022



بسم الله الرحمن الرحيم

نرفع درجات من نشاء وفوق كل ذي علم عليم

صدق الله العظيم





*To whom I owe her so much, to my lover mother  
without your love, prayers, and encouragement  
I could not complete this study*





THESIS : FLOW UNDER SLUICE GATES

BY : ENG. NEVEEN YOUSIF SAAD

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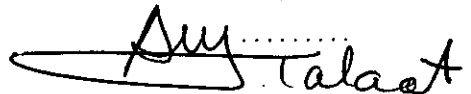
Faculty of Engineering- Ain Shams University



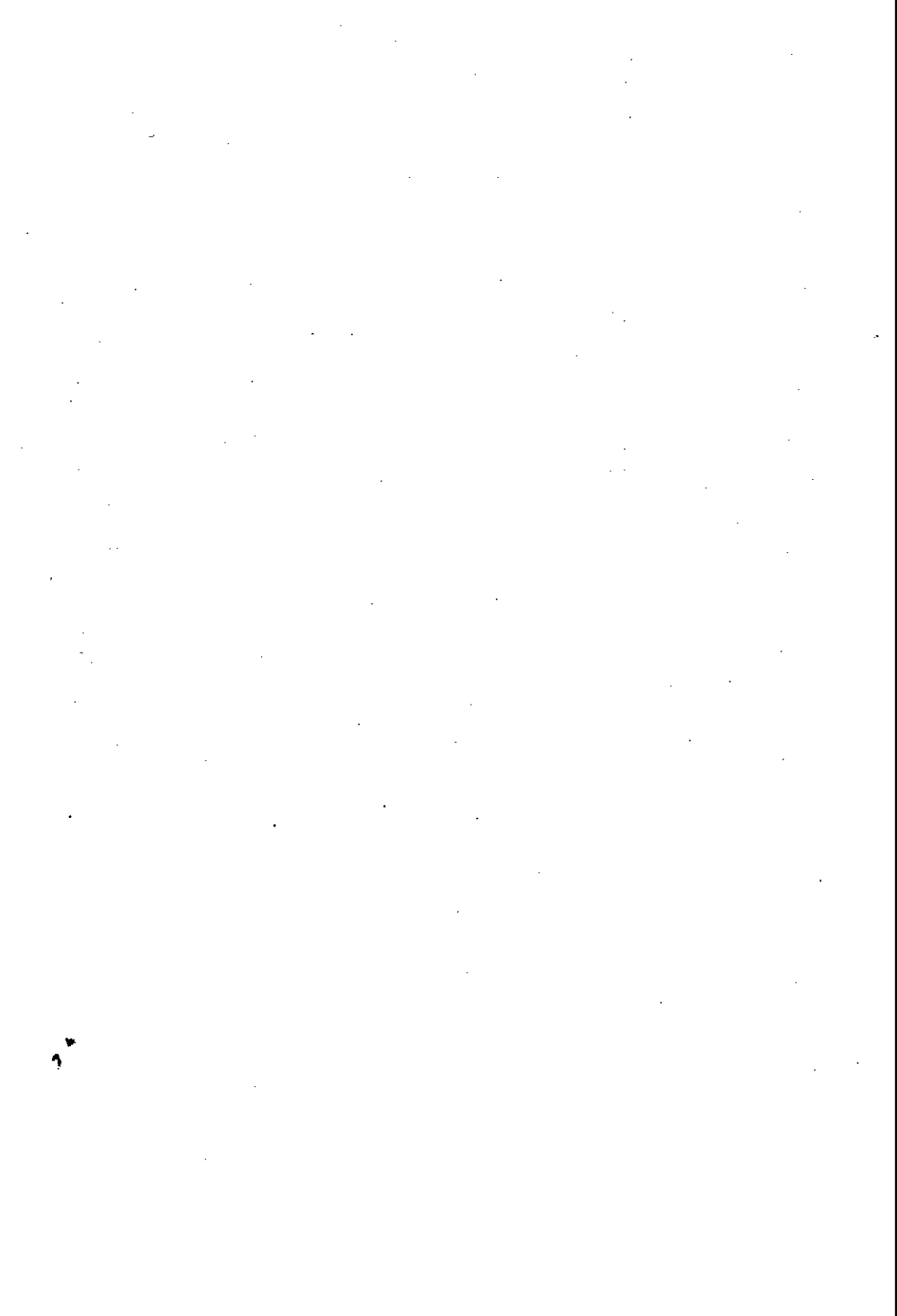
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Date : June ,1996



## STATEMENT

This dissertation is submitted to Ain Shams University for the degree of Master of Science 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 January, 1994 to June, 1996.

No part of this thesis has been submitted for a degree or a qualification at any other University or institution.

**Date** : June 17, 1996

**Signature** : .....

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