



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت 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 %



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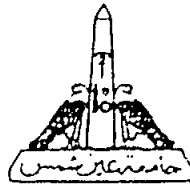
بعض الوثائق الأصلية تالفة



شبكة المعلومات الجامعية



بالرسالة صفحات
لم ترد بالأصل



كلية الهندسة

AIN SHAMS UNIVERSITY
FACULTY OF ENGINEERING
DEPARTMENT OF
DESIGN AND PRODUCTION ENGINEERING

APPLICATION OF OIL TESTS AS CONDITIONAL MONITORING OF CONSTRUCTIONAL EQUIPMENT

BY

ENG. MOHAMED NOUR EL-DEIN SALEM
B.Sc. Mechanical Engineering 1969
Production Engineering Diploma 1985

A Thesis Submitted in Fulfilment of the Requirement of
the M.Sc. Degree in Mechanical Engineering (Production Section)

Supervised By

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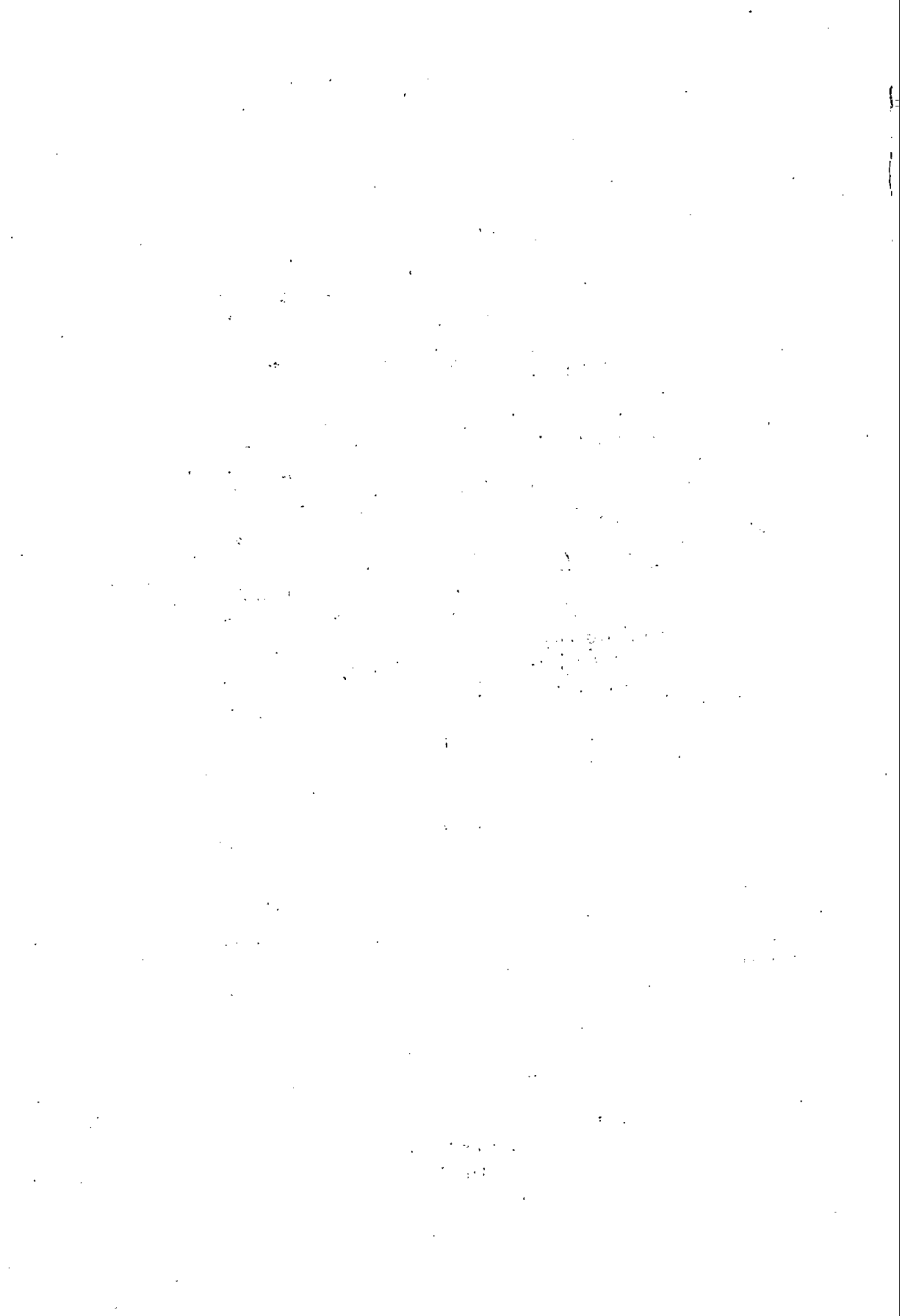
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Cairo - Egypt
1997

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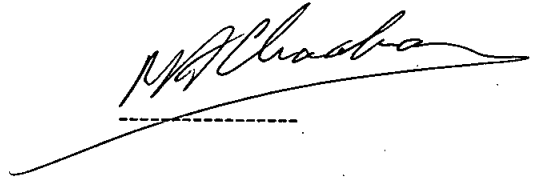


EXAMINERS COMMITTEE

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signature

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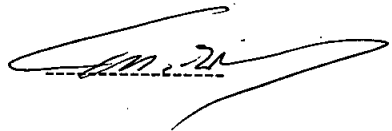
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Date : 22/12/1997

STATEMENT

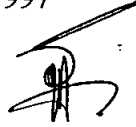
This dissertation is submitted to Ain Shams University for the degree of Master of Science in Mechanical Engineering (Production Section).

The work included in this thesis was carried out by the author in the Production Engineering Department, Faculty of Engineering, Ain Shams University, from 1988 to 1997.

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

Date: 22/12/1997

Signature:

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke at the top.

Name: Mohamed Nour El-Dein Salem

To The Soul of
my Father
and To My Small Family
Wife,
Son &
Daughter
Who Gave me a Lot throughout
My Life

