

بسم الله الرحمن الرحيم



HOSSAM MAGHRABY



شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



HOSSAM MAGHRABY

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

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



يجب أن

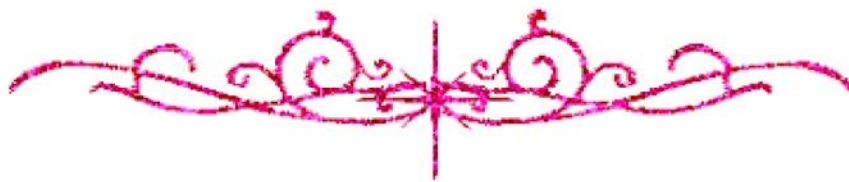
تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



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بعض الوثائق الأصلية تالفة



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بالرسالة صفحات

لم ترد بالأصل



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AIN SHAMS UNIVERSITY
FACULTY OF ENGINEERING

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FACULTY OF ENGINEERING

OPERATION OF THE SPARK IGNITION ENGINE WITH
NATURAL GAS

BY
AMGAD ISMAIL ALI ISMAIL
B.S.C. MECHANICAL ENGINEERING
1992

A THESIS
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Asst. Prof. Dr MOHAMED REFAAT SALEM

MECHANICAL POWER ENGINEERING DEPARTMENT
FACULTY OF ENGINEERING AIN SHAMS UNIVERSITY

1999

وَقُلْ رَبِّ زِدْنِي عِلْمًا
صدق الله العظيم

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STATEMENT

This dissertation is submitted for the degree of Master of Science in Mechanical Engineering to Ain Shams University. The work included in this thesis has been carried out by the researcher. The experimental part done at the Gulf of Suez Petroleum company from 1994 to 1996 and the theoretical part was conducted at the Mechanical Power Engineering Department, Ain Shams University form 1996 to 1999.

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

Signature


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Prof. Dr: Mahmoud Mostafa Ghoneim

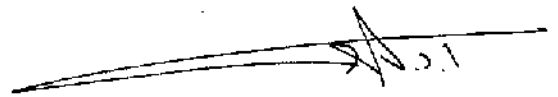
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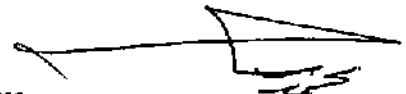
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