



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
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
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بالرسالة صفحات

لم ترد بالأصل



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بعض الوثائق

الأصلية تالفة



South Valley University
Faculty of Science
Department of Chemistry

THE MOLECULAR DESIGN AND OPTICAL CHARACTERISATION OF SOME NOVEL CONDENSED AND BRIDGE HEAD HETEROCYCLIC QUINONE DYES

A THESIS

Presented to Aswan-Faculty of Science,
South Valley University
For the Degree of Doctor of Philosophy of Science Chemistry
"Organic Chemistry"

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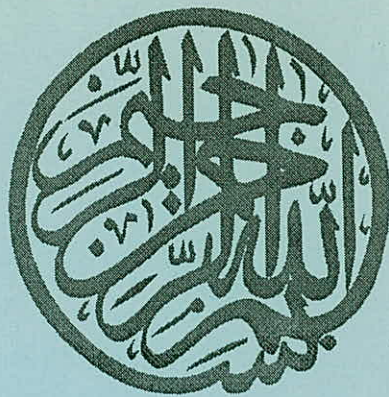
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Aswan- Faculty of Science

South Valley University

2001

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25/1/01



علم الإنسان ما لم يعلم

(سورة العلق آية : ٥)

TO

MY FAMILY

MY HUSBAND

MY SON ISLAM AND

MY DAUGHTER SHROUK

Approval Sheet
Title of Ph.D. Thesis

**THE MOLECULAR DESIGN AND OPTICAL
CHARACTERISATION OF SOME NOVEL CONDENSED
AND BRIDGE HEAD HETEROCYCLIC QUINONE DYES**

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M. M. Gomaa



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