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Faculty of Girls for Art,
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Physics Department

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1

STUDIES ON NUCLEAR RESEARCH REACTORS

THESIS SUBMITTED

FOR THE Ph.D. DEGREE IN PHYSICS

BY

HANAA GALAL AHMED SALEH

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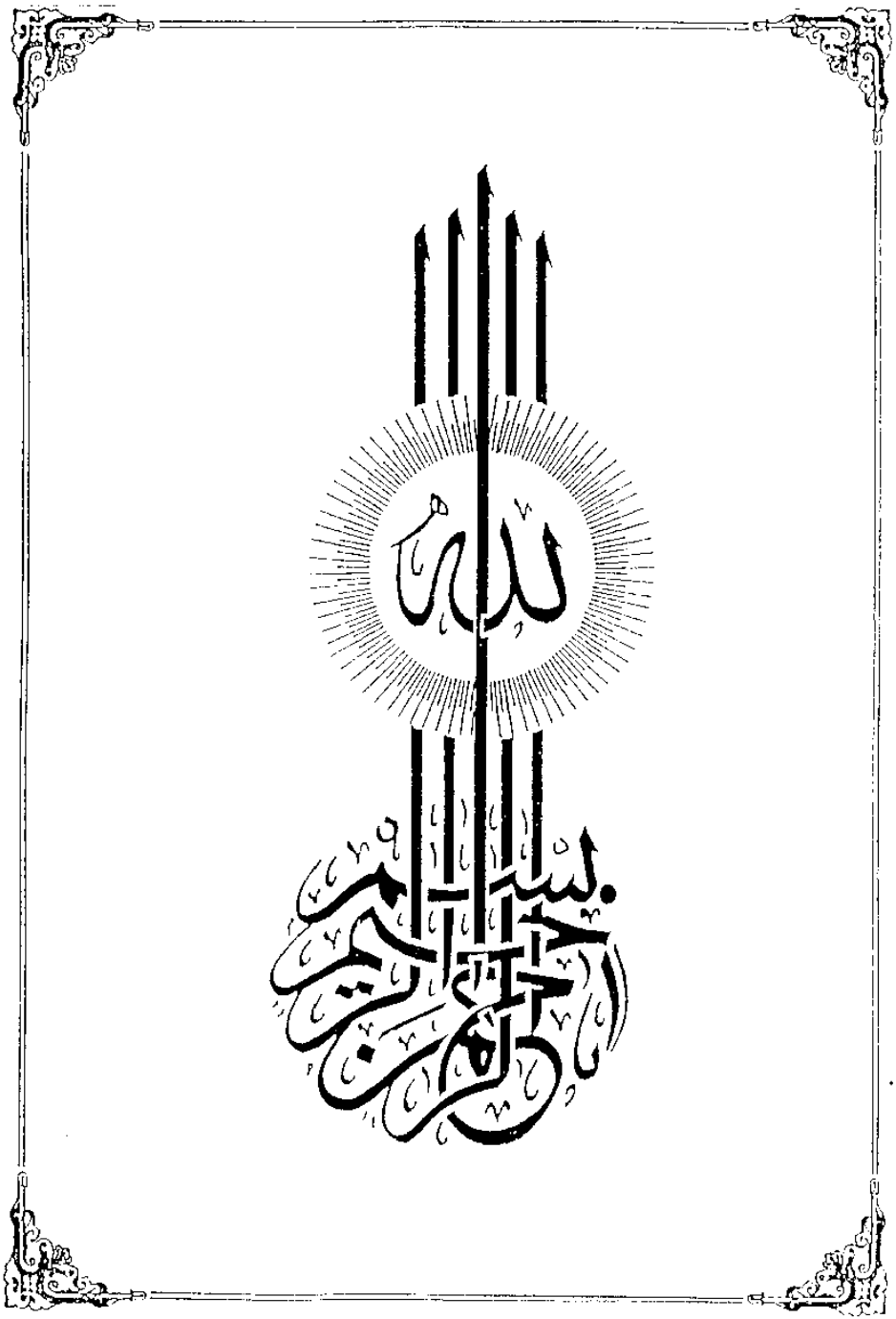

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Date of Research:

Approval stamp

Date of Approval / /1993

Approval of Faculty Council

Approval of University Council

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Department : PHYSICS

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M.Sc. Graduation date: 1983

Ph.D. Graduation date:

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ABSTRACT

This thesis deals with the study of some problems in nuclear reactor design, namely:

- The nuclear design of a zero power reactor;
- Burn up and radioactive calculations of ETR-R1;
- Study of raising the ETR-R1 reactor power; and
- Study on ETR-R2 reactor.

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ACKNOWLEDGEMENT

I would like to experess my gratitude to those who supervised my work.

1- Prof. Dr. Aly Mohamed El-Naim
Prof. of Theoretical Nulcear Physics
Faculty of Girls for Art, Science and Education.
Ein Shams Univeristy.

2- Prof. Dr. Mourad Labib Michaiel
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Nuclear Research Center
Atomic Energy Authority

3- Dr. F.H. Dimitri
Assis.Prof. of Reactors Engineering.
Reactors Dept;
Nuclear Research Center
Atomic Energy Authority

I am also gratefuel to those who supported me in this research;

1- Prof. Dr. Aida Badr El. Bialy
Head of physics Dept, Faculty of Girls for Art, Science and Education, Ein Shams University

2- Dr. N.A. Ashoub
Lecturer of reactor physics
Reactor and Neutron phys. Dept.
Nuclear Research Center
Atomic Energy Authority

3- Computer group, Reactors Dept.
Atomic Energy Authority

I would like to extend my gratitude to following authorities:-

1- Physics Dept. Faculty of Girls for Art, Science and Education.

2- Atomic Energy Authority.

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