AIN SHAMS UNIVERSITY
FACULTY OF ENGINEERING

FUZZY MULTICRITERIA DECISION MAKING PROBLEMS AND THEIR ENGINEERING APPLICATIONS

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A Thesis

Submitted in Fulfillment For the Requirements of the Degree of **Doctor of Philosophy** in Engineering Mathematics

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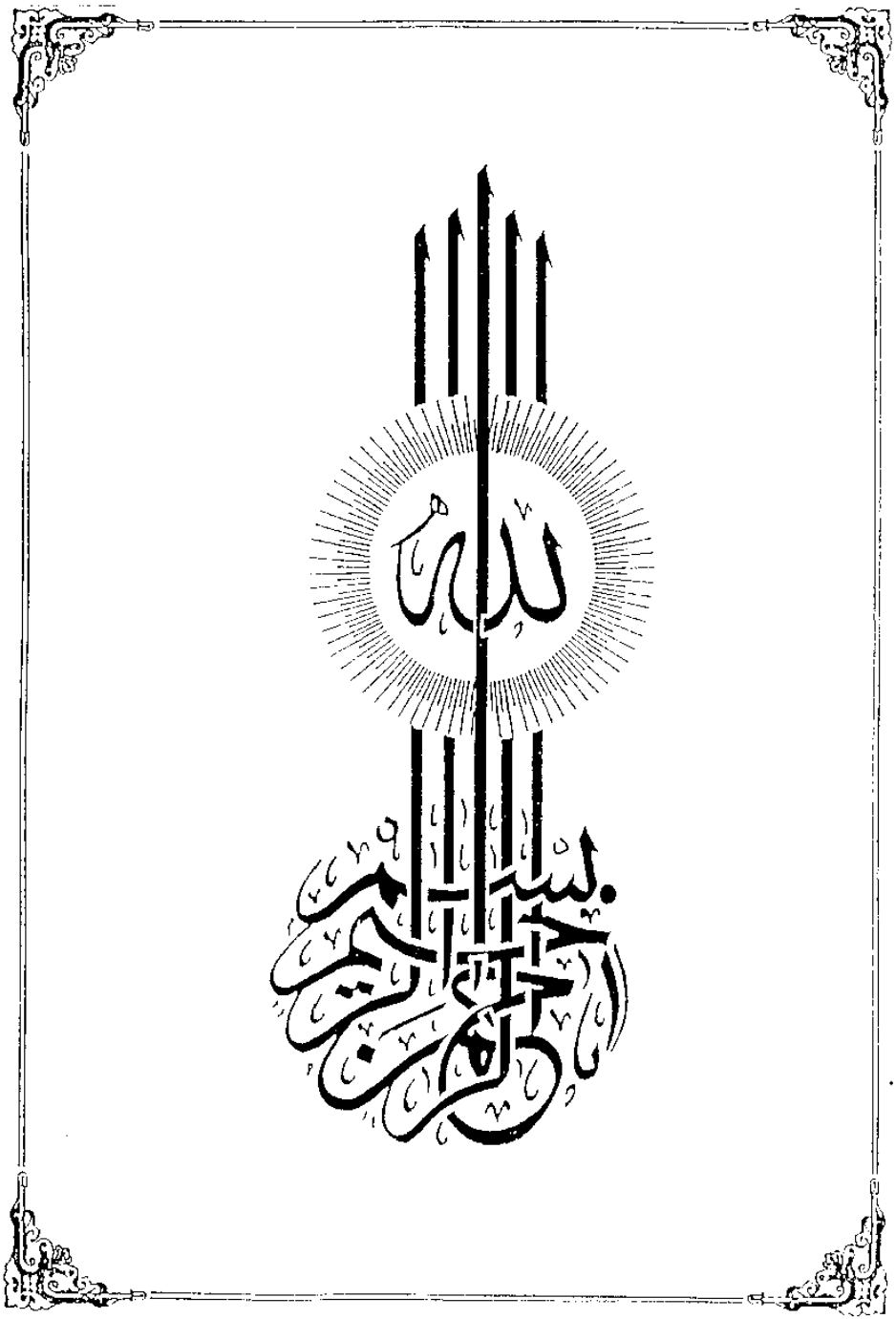

APPROVAL SHEET

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STATEMENT

This dissertation is submitted to Ain Shams University for the Degree of ***Doctor of Philosophy*** in Engineering Mathematics.

The work included in this thesis was carried out by the author in the Department of Engineering Physics and Mathematics, Faculty of Engineering, Ain Shams University, from 1994 to 1997.

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

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Eng. Niveen Mohamed Khalil Badra

CHAPTER 3 : STABILITY ALGORITHMS FOR DESIGNING CONJUGATE OBJECTIVES

CHAPTER 4 : FUZZY LINEAR AND QUADRATIC APPROACH AND CORRESPONDING APPLICATIONS

CHAPTER 5: FUZZY NON - LINEAR APPROACH AND ITS ENGINEERING APPLICATIONS

CHAPTER 6: RECOMMENDATIONS AND POINTS FOR FURTHER RESEARCH 146

List of Figures

List of Tables

CHAPTER 1

SURVEY ON RELATED TOPICS