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بسم الله الرحمن الرحيم

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التوثيق الالكتروني والميكروفيلم

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جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها

علي هذه الأفلام قد أعدت دون أية تغيرات

يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار

في درجة حرارة من ١٥-٢٥ مئوية ورطوبة نسبية من ٢٠-٤٠%

To be Kept away from Dust in Dry Cool place of 15-25- c and relative humidity 20-40%

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MICRO-COMPUTER BASED ENHANCED FUZZY CONTROLLER APPLIED TO A RENEWABLE ENERGY SYSTEM

BY

Fawzan Mohamed Salem
M.Sc. Electrical Power & Machines Engineering

A Thesis Submitted to the
Faculty of Engineering - Cairo University

in Partial Fulfillment of the
Requirements for the Degree of
DOCTOR OF PHILOSOPHY

in

ELECTRICAL POWER AND MACHINES ENGINEERING

Under the Supervision of

Prof. Dr. Hassan Taher Dorrah
Electrical Power and Machines Department
Faculty of Engineering - Cairo University

Prof. Dr. Mohamed Said Abdel Moteleb
Power Electronics Department
Electronics Research Institute

FACULTY OF ENGINEERING, CAIRO UNIVERSITY
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(AUTOMATIC CONTROL)

Approved by the Examining Committee

Prof. Dr. Hassan Taher Dorrah,	**Advisor**
Prof. Dr. Mohamed Said Abdel Moteleb,	**Advisor**
Prof. Dr. Said Abdel Monem Wahsh, **Electronics Research Institute**	**Member**
Prof. Dr. Abdel Monem Abdel Hamid Seif, **Faculty of Engineering-Cairo University**	**Member**

FACULTY OF ENGINEERING, CAIRO UNIVERSITY

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