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شبكة المعلومـــات الجامعية التوثيق الالكتروني والميكروفيا.



## جامعة عين شمس

التوثيق الالكتروني والميكروفيلم



نقسم بللله العظيم أن المادة التي تم توثيقها وتسجيلها على هذه الأفلام قد اعدت دون آية تغيرات



## يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

40-20 في درجة حرارة من 15-20 منوية ورطوبة نسبية من

To be kept away from dust in dry cool place of 15 – 25c and relative humidity 20-40 %

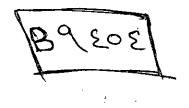












# AIN SHAMS UNIVERSITY FACULTY OF ENGINEERING

**Electronics and Communications Engineering Department** 

## **Modeling of A New MOSFET for ASICS**

#### **A Thesis**

Submitted in Partial Fulfillment for the Requirements of the Degree of Master of Science in Electrical Engineering (Electronics and Communications Engineering)

#### Submitted By

## Ashraf Ramadan Abd El-Aziz Abou El-Ela

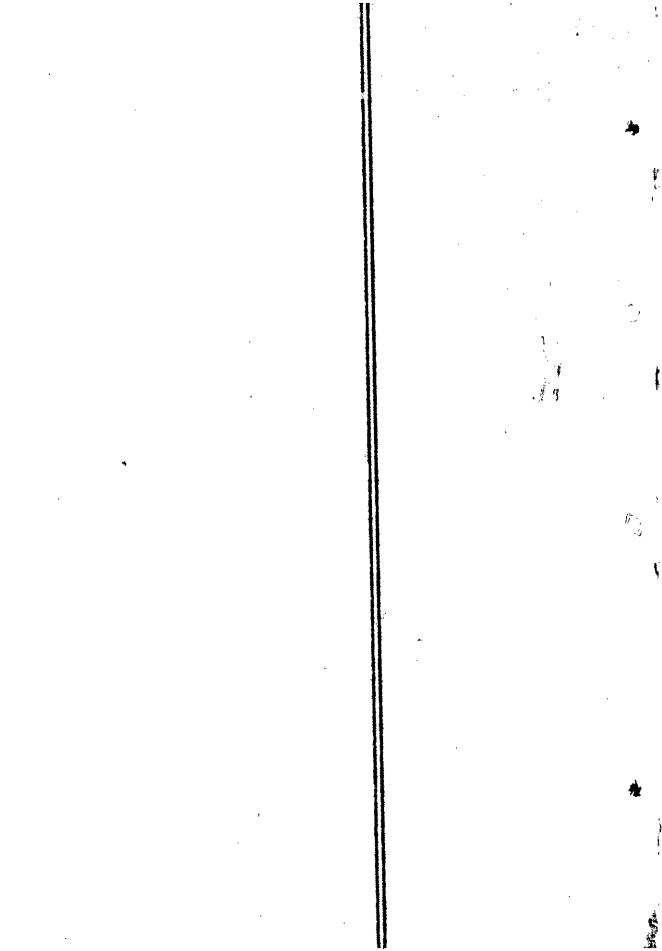
B.Sc. of Electrical and Computer Engineering, Honor (Electrical and Computer Engineering, 1994)

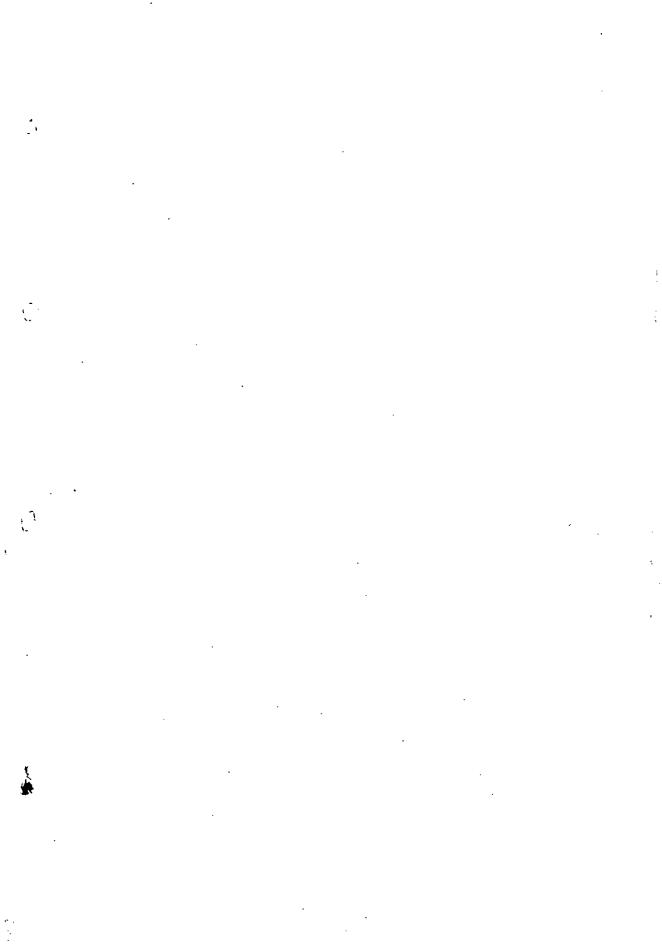
### Supervised By

Prof. Dr. Mohamed Nabil Saleh Prof. Dr. Adel Ezzat El - Hennawy Assist.Prof. Dr. Kamel Mahmoud Hassan Dr. Ali Ahmed Abou El-nour

Cairo - 1999

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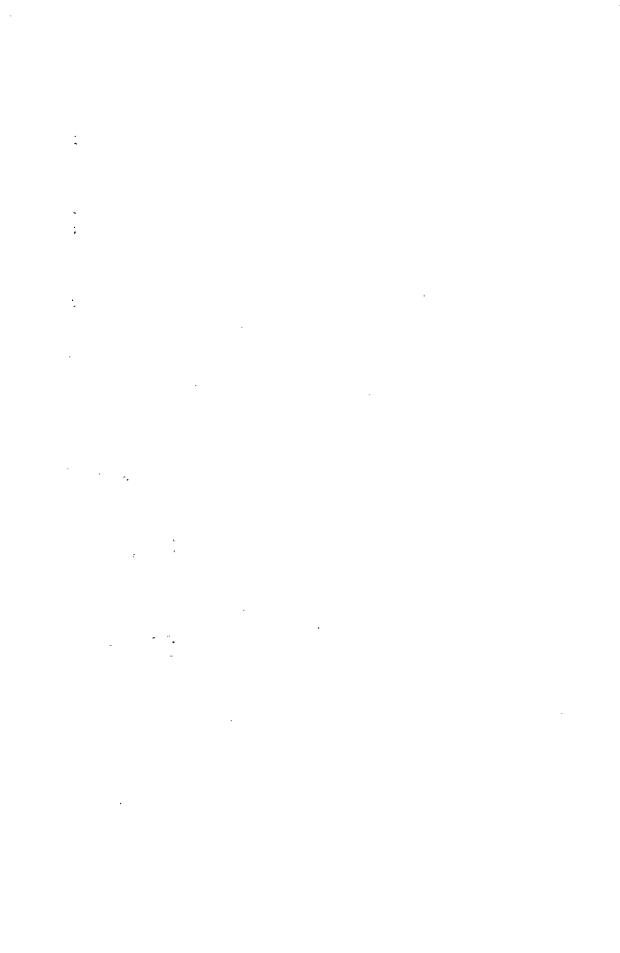
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## **STATEMENT**

This dissertation is submitted to Ain Shams University for the degree of Master of Science in Electrical Engineering (Electronics and Communications Engineering).

The work included in this thesis was carried out by the author at the Electrical and Computer Engineering Department, Higher Technological

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

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