



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



# شبكة المعلومات الجامعية

## التوثيق الالكتروني والميكرو فيلم

# 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 %

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15 – 25c and relative humidity 20-40 %



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# بعض الوثائق الأصلية تالفة



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بالرسالة صفحات  
لم ترد بالأصل

# REVIEW OF RECENT DEVELOPMENTS OF STATISTICAL THEORY OF AGING CONCEPTS

*A THESIS*

Submitted to Department of Mathematics,  
Faculty of Science, Tanta University  
for the Degree of Master of  
Philosophy in Science

*IN*

*(Mathematical Statistics)*

*BY*

TAREK MAHROUS EL-SAYED EL-SAYED

*Department of Mathematics, Faculty of Science,  
Tanta University*

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the University of California

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Head of Mathematics Department

*E. ELKHoly*

Prof. Dr. E. M. EL-Kholy



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Head of Mathematics Department

*E. ELK HOLY*

Prof. Dr. *E. M. El-Kholi*

Dr. J. H. ...

Dear Sir,

To the Head of the Department of ...  
University for her

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## ACKNOWLEDGEMENT

First of all my thanks are due to **GOD**.

I am greatly indebted to *Prof. Dr. E. M. El-Kholy*, Head of Mathematics Department, Faculty of Science, Tanta University for her interest and continuous encouragement.

I wish to express my deepest thanks to *Prof. Dr. M. K. Gabr*, Professor of Mathematics, Faculty of Science, Tanta University, for his fatherly guidance, valuable advice, continuous encouragement, and kind help.

I would like to express my sincere gratitude and my deepest thanks to *Prof. Dr. E. A. Rady*, Professor of Statistics, Institute of Statistical Studies and Research, Cairo University, for his helpful discussion, his kind supervision and invaluable help during the preparation of this thesis.

My sincere thanks to *Dr. K. A. M. Kotb*, Lecturer of Mathematical Statistics, Department of Mathematics, Faculty of Science, Tanta University, for his supervision and for his helpful for appearing this thesis.

Finally, I would like to thank all my colleagues and department staff for their help and encouragement.

*T. M. EL-Sayed*

1. The candidate must have a minimum of 10 years' experience in the field of statistical analysis.

2. The candidate must have a minimum of 5 years' experience in the field of statistical analysis.

3. The candidate must have a minimum of 3 years' experience in the field of statistical analysis.

4. The candidate must have a minimum of 1 year's experience in the field of statistical analysis.

5. The candidate must have passed the

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## NOTE

The present thesis is submitted to Tanta University in partial fulfillment of requirement of the degree of Master of Science in Mathematical Statistics.

Beside the research work introduced in this thesis, the candidate has attended four graduate courses within two years including

1. *Probability theory*
2. *Stochastic process*
3. *Queuing theory*
4. *Distribution theory*

The applicant *Tarek Mahrous El-Sayed* has successfully passed the final examination (1998 – 1999) of these courses.

Head of Mathematics Department

*E. ELKHOLY*

*Prof. Dr. E. M. El-Kholy*

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As a function of the probability  
of the event  
for a given period

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