



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

جامعة عين شمس

شبكة المعلومات الجامعية

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# شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم





شبكة المعلومات الجامعية

# 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%

# بعض الوثائق الأصلية تالفة

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# **Role of Ablative Stereotactic Procedures in Functional Neurosurgery**

*Thesis submitted in partial fulfillment of  
MD degree in Neurosurgery*

*By*

***Hazem Abdalla Eltahawy***

*Assistant Lecturer in Neurosurgery  
Ain Shams University*

*Under supervision of*

**Professor Dr.**

**Alaa El-Dein Abd El-Hay**

**Professor and Head of Neurosurgery Department  
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**Professor Dr.**

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**Professor of Neurosurgery  
Ain Shams University**

**Doctor**

**Mohamed Wael Samir Mahmoud**

**Lecturer in Neurosurgery  
Ain Shams University**

**Faculty of Medicine - Ain Shams University  
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

﴿قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا﴾

إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ ﴿

صَدَقَ اللَّهُ الْعَظِيمَ

(سورة البقرة - ٣٢)

*Dedicated To*

*my family*





on 11/

10/11/11

10/11/11

10/11/11

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10/11/11

10/11/11

## *Acknowledgments*

Thanks go to Allah, the merciful, and the beneficent as without his will, no thing is accomplished.

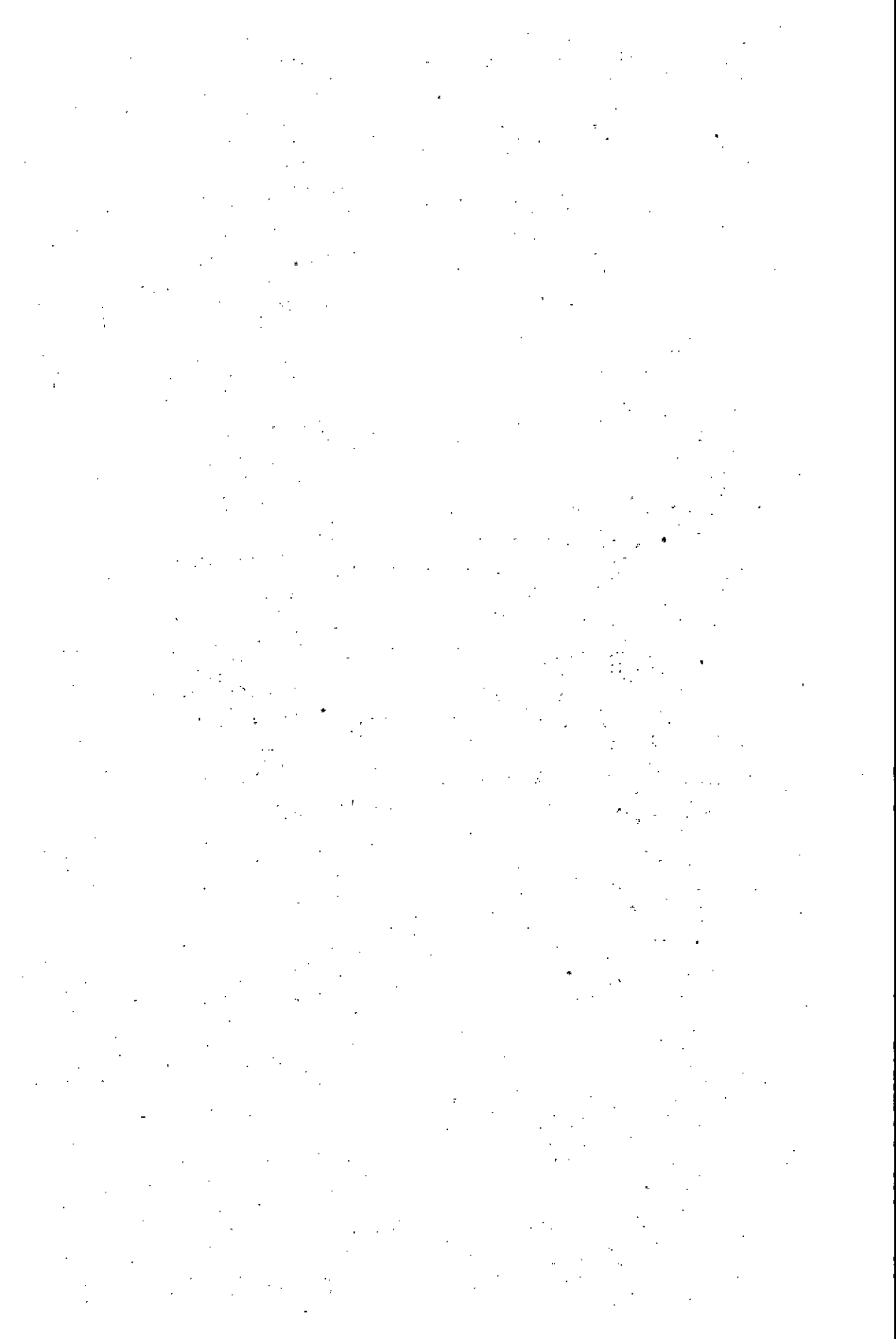
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My thanks go to all my Professors, senior and junior colleagues in the department of neurosurgery.

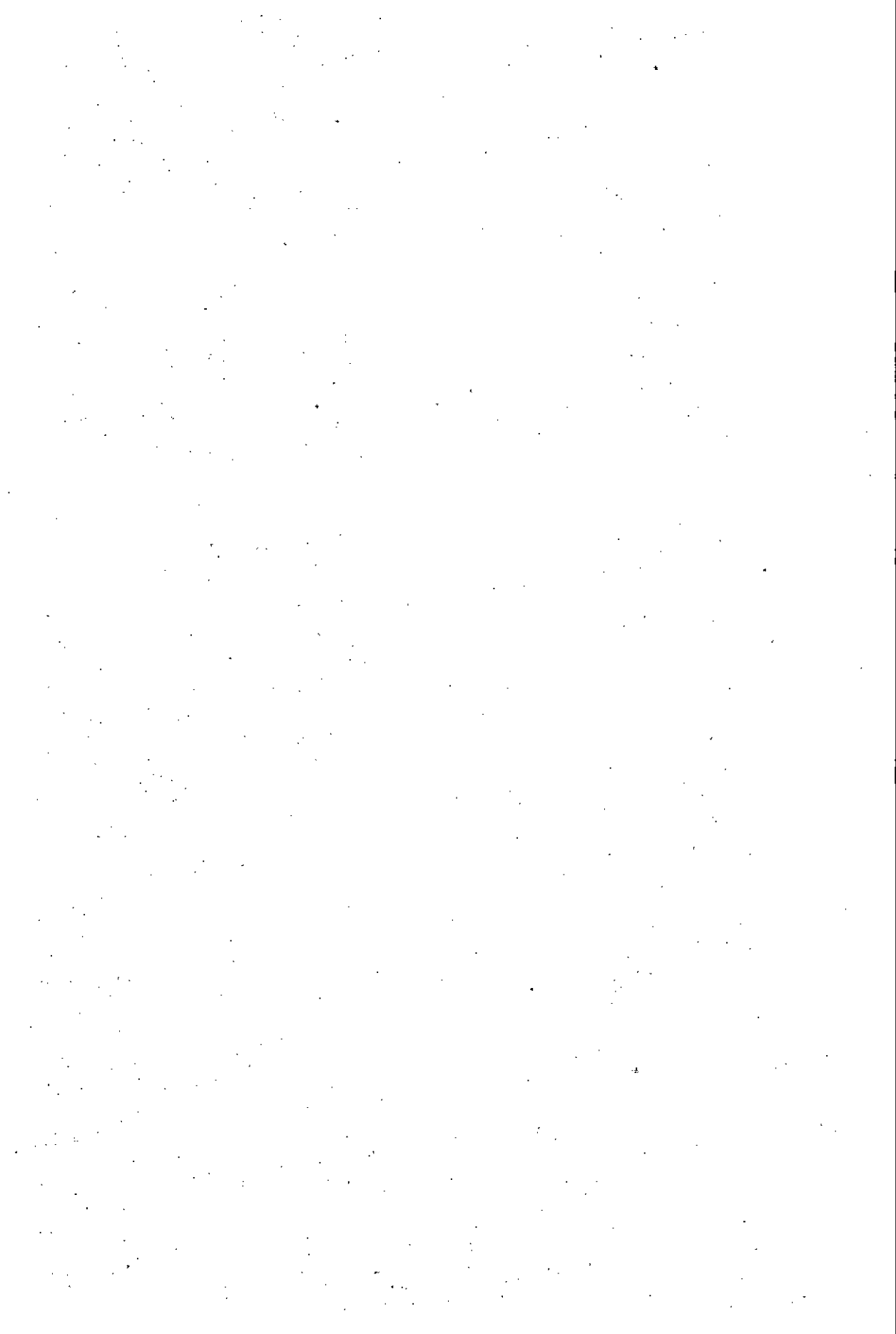
Special thanks go to Dr A Lozano for his fruitful comments and encouragement during my work with him.



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## **Aim of the work**

