



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 %

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



شبكة المعلومات الجامعية



بعض الوثائق الأصلية تالفة



شبكة المعلومات الجامعية



بالرسالة صفحات
لم ترد بالأصل

Digital orthophoto using different DEM approaches

BY

Eng.lamyaa Gamal El-Deen Taha Solyman

Researcher Assistant at the national authority of remote sensing and space science

A.M.SC.Thesis

Submitted to the Department of surveying engineering

Shoubra faculty of engineering-Zagazig university

For the degree of Master of Science in surveying engineering

Supervised By

Prof.Dr .Ing.Rifat .A.M.Ismail
Professor of surveying and photogrammetry
Shoubra faculty of engineering-Zagazig university

Prof.Dr . M.Adel. yahya
Professor of Geology
Ain shams university

Dr .Eng. Ayman M .R .Elshehaby
Lecturer of surveying and GIS
Shoubra faculty of engineering-Zagazig university

2003

B

9191

APPROVAL SHEET

ZAGAZIG UNIVERSITY

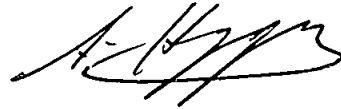
SHOUBRA FACULTY OF ENGINEERING

The undersigned certify that they have read, and recommend to the Shoubra Faculty of Engineering for acceptance, a Dissertation titled "Digital orthophoto using different DEM approaches" submitted by Eng.lamyaa Gamal El-Deen Taha Solyman in partial fulfillment of the requirements for **the degree of Master in Surveying**

Examination Committee

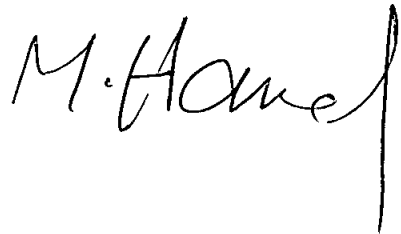
PROF.DR. ADEL AHMAD YOUSEEF HAJJAJ

Professor Of surveying and photogrammetry
Vice Dean Faculty of Engineering
Ain Shams university



PROF.DR. MAHMOUD MOHAMED HAMED

Professor Of surveying and photogrammetry
Head of Surveying Engineering Department
Shoubra Faculty of Engineering Department
Benha Branch-Zagazig University



PROF.DR. RIFAT AHMAD MOHAMED ISMAIL

Professor of surveying and photogrammetry
Shoubra faculty of engineering Department
Benha Branch-Zagazig university



PROF.DR. MOHAMED ADEL YAHYA

Professor of Geology
Ain shams university
The Head of the national authority of remote sensing
and space science (previously)



1777



قال تعالى

وَعَلَّمَكَ مَا لَمْ تَكُنْ تَعْلَمُ وَكَانَ فَضْلُ اللَّهِ عَلَيْكَ عَظِيمًا

Acknowledgements

I wish to express my deepest Acknowledgement to my supervisor prof .Dr. Rifat.A.M. Ismail, for his continued support and guidance during the research Through his valuable advices as well as providing a relevant literature from his own library .

I wish also to express my deepest gratitude to my supervisor, prof.Dr.M.Adel yahiaa for his continued support and guidance during the research through his valuable advices as well as his valuable time.

I wish also to express my deepest appreciation to my supervisor Dr. Ayman M .R Elshehaby for his continued support and guidance during the research as well as providing a relevant literature from his own library.

Many thanks go to the surveying department members, examiners for their comments, which will bring the research in a good form.

Many thanks also to NARSS for giving me data

Heartfelt thanks go out to my colleagues and teachers who have offered me encouragement, knowledge, advice.

On a personal' note, I want to thank my mother for all of her encouragement, also many thanks goes to my father, looking at his smiley picture giving me a lot of force.

Also I thank you, too.



To my parents

1/2