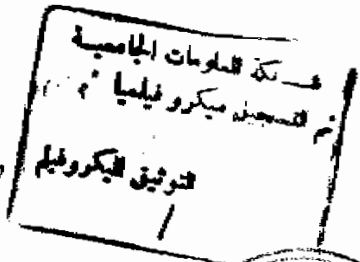
AIN SHAMS UNIVERSITY
FACULTY OF SCIENCE

Archaeo-Geophysical Prospecting In Luxor Area, Upper Egypt.

A Thesis

**Submitted to the Geophysical Department,
Faculty of Science,
Ain Shams University**

6904



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for

Doctor Philosophy

by

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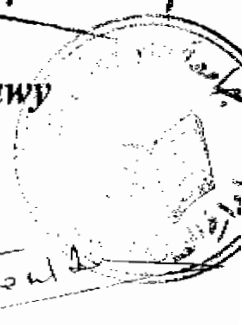

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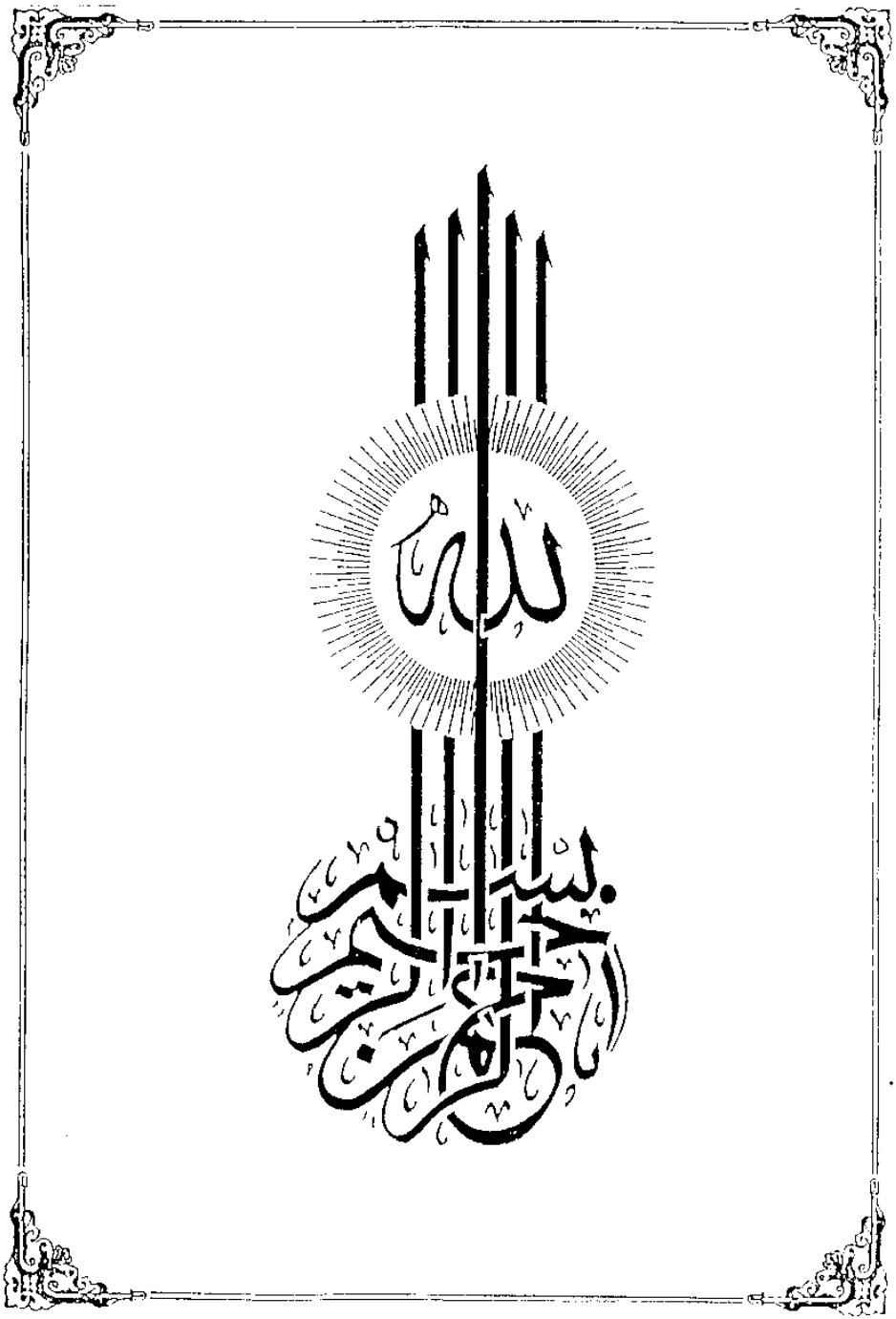
CAIRO, 1997



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ACKNOWLEDGMENTS

In the first place, praise be to **GOD** and gratitude is due to almighty **GOD** who ided and guided me to bring forth this thesis to light. **Thanks GOD.**

My heartful gratitude to **Prof. Dr. N. M. Abu-Ashour,** Professor of Geophysics and Head of Geophysics Department, Faculty of Science, Ain Shams University, for his offering the facilities for this work.

I have great pleasure in expressing my deep gratitude to **Prof. Dr. A. M. Sabry,** Professor of Geophysics, Geophysics Department, Faculty of Science, Ain Shams University, for his joint supervision, and his continuous and effective moral assistance which encourage me to accomplish this work.

I would like to express my great indebtedness and deep gratefulness to **Prof. Dr. A. A. Tealeb,** Professor of Geophysics, National Research Institute of Astronomy and Geophysics, Helwan, Cairo, for kind supervision, invaluable guidance and for doing his best in solving all the problems which I'd faced during the long run of research work.

I can not sufficiently expressed my deepest thanks and gratitude to **Dr. Jan Mrlina,** Gravimetry department, Geophysical Institute, Prague, Czech Republic, for valuable discussions, comments, kind cooperation and great helping during all steps of the study.

The gratitude also extended to **Prof. Dr. M. Abdelrahman,** Professor of Geophysics, Geophysics Department, Faculty of Science, Ain Shams University, for his kind discussions at the beginning of the study.

Special thanks for my colleague **Dr. A. H. Radwan** for great helping and encouragement during the long run of the study.

Many thanks for **Dr. G. S. Hassan** for helping in the field work.

The author express his thanks and gratitude to the staff members of the Recent crustal movements studies depart. as well as **Dr. K. Sakr** and **Dr. S. Mahmoud** and others as well as **Mr. A. Ragab,** for helping in preparing the thesis.

Finally, from all my heart, I feels indebted to **my family** for their great help and permanent care.

LIST OF CONTINENTS

	Page No.
LIST OF CONTINENTS	I
LIST OF FIGURES	VI
LIST OF TABLES	XIII
ABSTRACT	
CHAPTER I	
INTRODUCTION	
1.1 Physiography	1
1.2 Geology	4
1.3 Pervious Geophysical Activities In The Theban Necropolis	4
1.3.1 Scope On The Report Of The Southwest Research Institute	8
1.3.1.1 Summary Of Earth Resistivity Survey	9
1.3.1.2 Summary Of Vhf Electromagnetic Tests	9
1.3.2 Scope On The Report Of The Weston Geophysical Corporation And Archaeological Imaging, Inc	10
1.3.2.1 Magnetic (Total Field) Measurements	11
1.3.2.2 Ground Penetrating Radar (GPR)	13
1.3.2.3 Seismic Refraction Survey	19
1.4 Microgravity In Cavity Detection	20

CHAPTER II

GRAVITY DATA ACQUISITION AND PROCESSING

2.1 Instrumentation..... 23
2.1.1 The LaCoste And Romberg Gravity meters..... 23
2.1.2 Station Coordinates Instruments..... 27
2.2 Data Acquisition..... 28
2.2.1 Field Procedure..... 28
2.2.2 Geodetic Techniques For Determining The Stations Coordinates..... 33
2.3 Data Processing..... 35
2.3.1 Drift Corrections..... 35
2.3.2 Plate Height Corrections..... 36
2.3.3 Terrain Corrections..... 38
2.3.3.1 Hammer Topographic Corrections..... 40
2.3.3.2 Sloping Wedges Technique Of Terrain Corrections 41
2.3.4 Latitude Corrections..... 49
2.3.5 Precision Of The Measurements..... 51
2.4 Bouguer Anomaly Profiles..... 55
2.5 Comparison Between The Results From G And D L&R Gravimeters..... 67

CHAPTER III

THE GRAVITY EFFECT OF THE ENTRANCES OF THE KNOWN TOMBS

3.1 Introduction..... 73
3.1.1 The Infinitely-Long Horizontal Polygon..... 74

3.1.2 Finite-Length Horizontal Polygons..... 74
3.1.3 Vertical Polygons..... 74
3.1.4 Spheres..... 75
3.2 Gravity Of Polygonal Prisms..... 75
3.2.1 Derivations Of The Formulas For Gravity Calculations 77
3.3 Gravity Effect Of The Entrances Of The Studied Tombs.. 80
3.3.1 Entrance Of The Tomb Of Ramses III..... 81
3.3.2 Tomb Of Amenmesses..... 89
3.3.3 Tomb Of Ramses I..... 91
3.3.4 Tomb Of Seti I (1306-1290 B.C.) 19th Dynasty..... 92
3.3.5 The Engine Room (KV 18) 96
3.3.6 The Tombs Of KV 21, KV 27 And KV 28..... 103
3.4 Bouguer Anomaly Profiles After Entrances Corrections... 105
3.4.1 Bouguer Anomaly Profile Of Line A..... 106
3.4.2 Bouguer Anomaly Profile Of Line B..... 108
3.4.3 Bouguer Anomaly Profile Of Line C..... 110
3.4.4 Bouguer Anomaly Profile Of Line P..... 112
3.4.5 Bouguer Anomaly Profile Of Line Q..... 113
3.4.6 Bouguer Anomaly Profile Of Line L..... 115

CHAPTER IV

MODELING AND INTERPRETATION OF THE ANOMALIES FROM KNOWN TOMBS AND UNKNOWN ANOMALIES IN THE VALLEY OF THE KINGS

4.1. Introduction..... 117
4.2. Modeling And Interpretation Of The Gravity Data..... 118

4.2.1 Finite-Length Horizontal Polygon..... 120
4.2.1.1 Introduction..... 120
4.2.1.2 Fundamental Integrals..... 122
4.2.1.3 Gravity End Corrections..... 125
4.2.1.4 Estimation Of The Strike Length Of A 2½-D Body 128
4.2.2 Interpretation Of The Gravity Data Of The Known Tombs 129
4.2.2.1 Tomb Of Amenmesses..... 130
4.2.2.2 Tomb Of Ramses III..... 133
4.2.2.3 Tomb Of Ramses I..... 136
4.2.2.4 Seti I Tomb..... 141
4.2.2.5 The Engine Room..... 150
4.2.2.6 Tombs Of KV 21, KV 27 And KV 28..... 154
4.2.2.7 Interpretation Of The Gravity Data And The Anomalies Of The Known Tombs With Respect To Each Other. 157
4.2.3 Modeling And Interpretation Of The Gravity Data Along Lines Crossed An Unknown Features..... 160
4.2.3.1 Modeling And Interpretation Of Gravity Profile Along Line K..... 162
4.2.3.2 The Unknown Feature Of The Anomaly On The Gravity Profile A (A8)..... 169
4.2.3.3 The Unknown Anomal Features Along Line V..... 172
4.2.3.4 The Anomaly Of The New Discovering Of KV 5.. 173

CHAPTER V

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

5.1 Summary And Conclusions..... 176

5.2 Recommendations 181

REFERENCES..... 182

ARABIC SUMMARY

LIST OF FIGURES

	Page No.
Fig. (1. 1) Location map of the Valley of the Kings area, western side, Luxor.....	3
Fig. (1. 2) Topographic map of the Valley of the Kings area.....	5
Fig. (1. 3) Aerial view of the Valley of the Kings.....	6
Fig. (1. 4) Magnetic profiles in the Valley of the Kings, in the area of KV 48.....	12
Fig. (1. 5) Magnetic profiles in the Valley of the Kings, in the area of KV 5.....	14
Fig. (1. 6) Block diagram of the GP-Radar system.....	16
Fig. (1. 7) Location of the GPR anomalies in the Valley of the Kings (West Valley).....	17
Fig. (1. 8) GPR record of the location "C" in the West Valley.....	18
Fig. (2. 1) Schematic diagram of the construction of the LaCoste and Romber gravimeter.....	25
Fig. (2. 2) Distribution of the Gravity profiles on the topographic map of the Valley of the Kings area.....	29
Fig. (2. 3) Schematic diagram showing the location of base-station established in the Valley of the Kings.....	32
Fig. (2. 4) Time-Drift curve illustrate the drift correction procedure for one day measurements.....	37

Fig. (2. 5) Schematic diagram of the terrain correction due to effect of the undulating terrain..... 39

Fig. (2. 6) Topographic model with flat-topped and conic prism..... 42

Fig. (2. 7) Illustration of the convergence of the two terrain correction models applied to an analytic relief, with a density of 2.67 g/cm^3..... 45

Fig. (2. 8) The effect of terrain corrections along the gravity profile B..... 48

Fig. (2. 9) The effect of latitude correction along line L.... 50

Fig. (2.10) The precision of the measurements represented by the standard deviation of the data measured by D-188 and G-1043 of L&R Gravimeters..... 54

Fig. (2.11) The Bouguer anomaly profile (measured by D-188 L&R) and topography along line A with underlined tombs..... 56

Fig. (2.12) The Bouguer anomaly profile (measured by G-1043 L&R) and topography along line B with underlined tombs..... 57

Fig. (2.13) The Bouguer anomaly profile (measured by G-1043 L&R) and topography along line C.... 58

Fig. (2.14) The Bouguer anomaly profile (measured by D-188 L&R) and topography along line P with underlined tomb..... 59

Fig. (2.15) The Bouguer anomaly profile (measured by G-1043 L&R) and topography along line Q with underlined tomb..... 60

Fig. (2.16) The Bouguer anomaly profile (measured by G-1043 L&R) and topography along line L..... 61

Fig. (2.17) The Bouguer anomaly profile (measured by D-188 L&R) and topography along line K..... 62

Fig. (2.18) The Bouguer anomaly profile (measured by G-1043 L&R) and topography along line V..... 63

Fig. (2.19) The Bouguer anomaly profile (measured by G-1043 L&R) and topography along line M..... 65

Fig. (2.20) The Bouguer anomaly profile (measured by G-1043 L&R) and topography along line N..... 66

Fig. (2.21) The Bouguer anomaly profile (measured by D-188 L&R) and topography along line O..... 67

Fig. (2.22) The comparison between the Bouguer anomaly Profiles measured by the G&D models of the L&R Gravimeters along line A..... 69

Fig. (2.23) The comparison between the Bouguer anomaly Profiles measured by the G&D models of the L&R Gravimeters along line B..... 70

Fig. (2.24) The comparison between the Bouguer anomaly Profiles measured by the G&D models of the L&R Gravimeters along line P..... 71

Fig. (2.25) The comparison between the Bouguer anomaly Profiles measured by the G&D models of the L&R Gravimeters along line Q..... 72

Fig. (3.1a) Calculation of the gravity effect at spot locations along the gravity profiles..... 76

Fig. (3.1b) Geometric elements involved in the surface calculation of gravity effect which done on a rectangular horizontal area..... 76

Fig. (3. 2) Geometric elements involved in the calculations of gravity and magnetic anomalies caused by a polygonal prism..... 78

Fig. (3. 3) Schematic diagram of the entrance of the tomb of Ramses III..... 82

Fig. (3. 4) Lateral and top view of the geometric coordinates of the divided modeled bodies of the entrance of tomb of Ramses III..... 83

Fig. (3. 5) Schematic diagram of the entrance of the tomb of KV 10 (tomb of Amenmesses)..... 90

Fig. (3. 6) Schematic diagram of the entrance of the tomb of Ramses I..... 93

Fig. (3. 7) Lateral and top view of the geometric coordinates of the divided modeled bodies of the entrance of the tomb of Ramses I..... 94

Fig. (3. 8) Schematic diagram of the entrance of the tomb of Seti I..... 97

Fig. (3. 9) Lateral and top view of the geometric coordinates of the divided modeled bodies of the entrance of tomb of Seti I..... 98

Fig. (3.10) Schematic diagram of the entrance of the Engine Room..... 100

Fig. (3.11) Lateral and top view of the geometric coordinates of the divided modeled bodies of the entrance of the Engine Room..... 101

Fig. (3.12) The gravity effect of the entrances of the tombs of Seti I and the Engine Room on the line A..... 108

Fig. (3.13) The gravity effect of the entrances of the tombs of Ramses I and Seti I on the line B..... 110

Fig. (3.14) The gravity effect of the entrances of the tombs of Ramses I, Seti I and the Engine Room on the line C..... 111

Fig. (3.15) The gravity effect of the entrances of the tombs of Ramses III and Amenmesses (KV 10) on line P..... 113

Fig. (3.16) The gravity effect of the entrances of the tombs of Amenmesses (KV 10) and Ramses III on line Q..... 114

Fig. (3.17) The gravity effect of the entrance of the tombs of KV 21, KV 27 and KV 28 on line L..... 116

Fig. (4. 1) 2½-D body..... 121

Fig. (4. 2) The constructed model of the corridor of the tomb of Amenmesses (KV 10)..... 131

Fig. (4. 3) The different steps of correcting, processing and interpreting the data of the gravity profile along line Q..... 132

Fig. (4. 4) The constructed model of the corridors of the tomb of Ramses III..... 134

Fig. (4. 5) The different steps of correcting, processing and interpreting of the data of the gravity profile along the line P..... 135

Fig. (4. 6) The constructed model of the tomb of Ramses I. 138

Fig. (4. 7) The different steps of correcting, processing and interpretation of the data of the gravity profile along line B..... 141

Fig. (4. 8) Schematic diagram showing the distribution of the room and corridors in the tombs of Seti I and Ramses I..... 143