ACKNOWLEDGEMENT

The author is sincerely grateful to Dr.N.M.El-Naggar, for suggesting the problem, close supervison during the progress of this study, also for careful discussion of the results and assistance during the preparation of the thesis.

Special thanks are also due to Prof.S.A.El-Gendi, the Head of Mathematics Dept. and to Hr. B. Helmy for programing facilities.

The author wishes to thanks the Head of the Physics Dept.

Prof. Dr. G.A. Gobrial, and the staff members of the Department specially Dr. S.Saknidy and Mr. Mohamed El-Azab.