

## ACKNOWLEDGEMENTS

Thanks are to Prof. *Dr. Nabel El-Naggar*, Head of Physics Department, Faculty of Science, Benha University for his encouragement and kind supervision.

The author is greatly indebted to *Prof. Dr. M.Y.M. Hassan*, Professor of Theoretical Nuclear Physics, and Head of Physics Department, Faculty of science, Cairo University, for supervising this work and for fruitful comments.

My deepest thanks and gratitude are to *Prof. Dr. H. M. M. Mansour*, Professor of Theoretical Nuclear Physics for his supervision, guideness and useful discussions.

Thanks are extended to *Dr. M. Abd-Alla*, Physics Department, Cairo University, for his interest.

Thanks are also extended to the Staff members of Physics Department especially the computer laboratory group due to the facilities provided during performing the calculations.

---