Ain Shams University
University Collage of Women for
Arts, Science and Education

Study the Effect of Ga content on the physical properties of thermally evaporated $(Ge_{25-x}Ga_x Se_{75})$ thin films

A Thesis
Submitted To University Collage of Women For Arts,
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For The Ph.D Degree in (Physics)

By

Hisham Ahmed Saleh Ahmed
M.Sc. Physics

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Ain Shams University
Faculty of Girls For
Arts, Science and
Education

STUDY THE EFFECT OF Ga CONTENT ON THE PHYSICAL PROPERTIES OF THERMALLY EVAPORATED $(Ge_{25-x}Ga_xSe_{75})$ THIN FILMS

THESIS SUBMITTED
FOR THE PH.D DEGREE IN PHYSICS (SOLID STATE)

BY

Hisham Ahmed Saleh Ahmed

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Dedication

Dedication

To

My father and mother
Strong and gentle souls who taught me to trust in Allah, believe in hard work and for being my first teachers

My brothers and sister
For supporting and encouraging me to believe in myself

My wife and kids
Thanks for your continuous support and encouragement

Acknowledgment

Acknowledgment

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