

Study of The Effect of γ -Rays on Some Glasses Doped
With Some Rare-Earth Metal Oxides

A Thesis

*Submitted In Partial Fulfillment for The
Master Degree of Science
(Chemistry)*

By

ALI ABDEL HAMID ALI

(B.Sc. Hons., Chemistry 1990)

*Dept. of Chemistry
Faculty of Science
Ain Shams University*

*A Contribution from
The National Research Center (NRC)
Dokki - Cairo - Egypt*

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مجلس الكلية

كلية العلوم

وافق مجلس الكلية على تقديم الرسالة بتاريخ ١٢/٥/٩٦

لجنة الامتحان: د. جمال الدين عبد اللطيف

د. محمد عبد السلام

د. محمد عبد الرحمن

وافق مجلس الكلية على منح الدرجة بمرتبة جيد جداً

عبد الله

خاتمة

THE AUTHOR AFFECTIONATELY DEDICATES THIS WORK

to

his family

whose Continuous Interest, Encouragement
and Sincere Help made this Work Possible

Approval Sheet

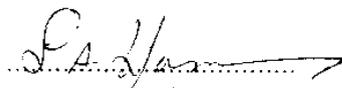
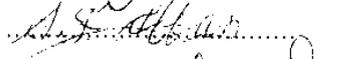
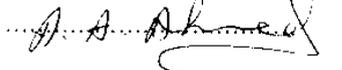
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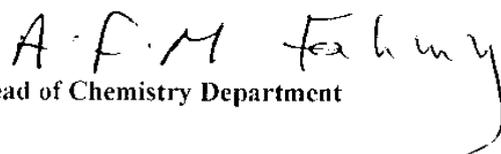
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Prof. Dr. A.F. Fahmy


Head of Chemistry Department



﴿علمنا هذا رأى ...
من جاءنا بأحسن منه قبلناه﴾

للإمام أبو حنيفة

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