



Ain Shams University
University College for Women
For art, science, and education

Spectroscopic studies of nanometric Zinc Oxide

**Thesis Submitted for
The M.Sc.Degree in Physics**

By

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

وقل رببي زدني

علماً

صدق الله العظيم

To

My Parents,

My Husband: Mohamed Taher,

My Sister: Noheir, My Brother: Ahmed,

My Sons: Seif and Monzer,

My Daughter: Lara

AND

For the Spirit of my father

Taher Rashad

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Abstract