Ain Shams University University College of Women (Arts, Science and Education) Physics Department



Synthesis, Characterization of ZnO Nanoparticles

Using Wet Chemical Technique for Dye Sensitized Solar Cells

By Hussam Subri Musleh For

Ph.D. Degree in Science (solid state physics)

A thesis submitted

To

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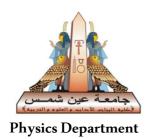
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# بسم الله الرحمن الرحيم

(اناكل شيء خلقناه بقدر)

القمر 49

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### **Dedication**

I dedicate my thesis to:

My parents who kept supporting me
throughout the process,

My loving wife

who stood by me in my difficult time, My Kids, Balssam, Sabri, Bassant and

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My Brothers, sisters and uncles who

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