شبكة المعلومات الجامعية

التوثيق الإلكتروني والميكروفيلم

بسم الله الرحمن الرحيم

HANAA ALY

شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم

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جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات

يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار

HANAA ALY

Ain Shams University
Faculty of Engineering
Architecture Department

EVALUATING THE IMPACT OF USING NATURAL MATERIALS ON ENHANCING THERMAL PERFORMANCE OF BUILDINGS

A Thesis submitted in the Partial Fulfillment for the Requirement for Master of Science Degree in Architectural Engineering

Submitted by:

Arch. Caroline Shoukry Hakim

Bachelor of Science in Architectural Engineering- 2016
(Architecture Engineering)

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Professor of Project Management and Sustainable Development
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Cairo – (2021)

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Date:_____/ _____/ 2021

Declaration

This thesis is submitted as a partial fulfillment of Master of Science in Architectural Engineering, Faculty of Engineering, Ain Shams University.
This thesis's content is original. The author executed the work comprised in this thesis, and no part of it has been proposed for a degree or a qualification at any other scientific entity.

Student name
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Date: ___/___/2021

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Dedication

I dedicate this research to…

Praise to Allah, who has directed us through this, however the obstacles; and we would never get if Allah had not lead us.

My loving role models, great, caring and supportive "Father and Mother" who have been there for me all the time to encourage, lead me and make it possible and easier for me, they have never left my side for oneday but support me with a very special feeling of love, so I feel grateful for raising me and make me believe that everything is possible in this life and the obstacle can be turned to steps for greater success.

My fiance "Fady" for making me tried the kind of support and love that make me feel that there is a loving person who has my back there to encourage me in the hard times to make me believe in myself again. Thanks for being understanding person.

My very special, great and loving "Sisters". I'm so grateful for having both of you in my life.

And

My Grand mother's "teta"soul.

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